OTOPLASTIK + LABORTECHNIK

egger

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Earmolds

The right kind for everyone: The wide selection of today's earmolds offers an individual solution for every customer. An earmold is a one of a kind. It is the decisive link between the human ear and hearing technology. Technical precision in combination with modern manufacturing technology generate the exact fit. Made to fit the uniqueness of man.

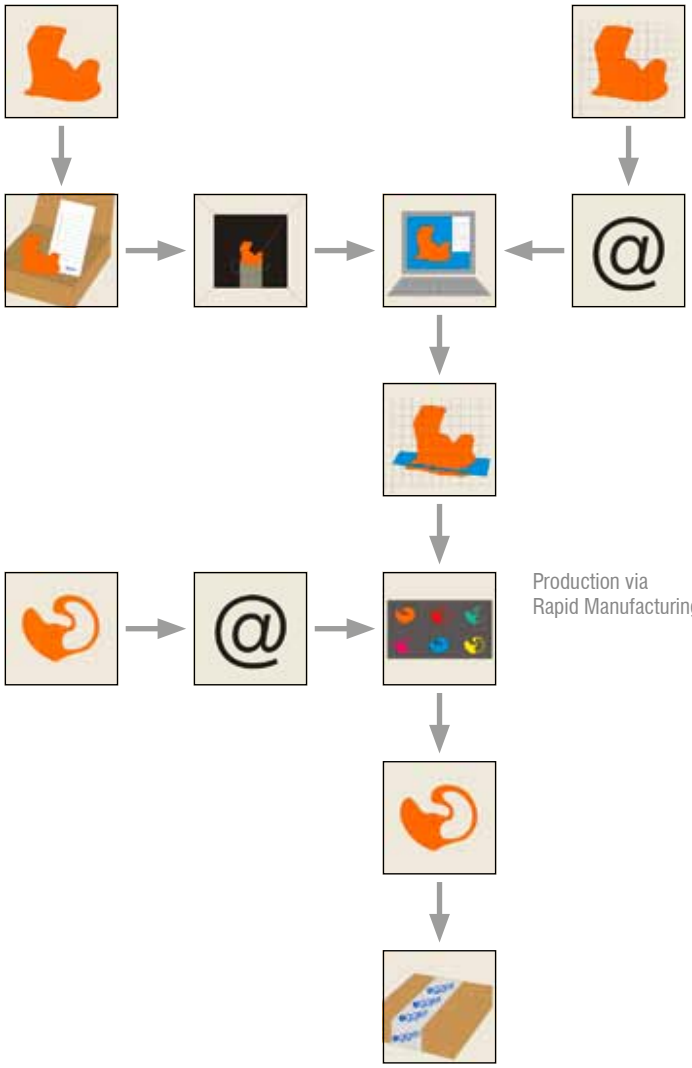
Three Possible Routes, One Goal:

Classic

Sending us the impression by mail

Digital

Sending us the impression digitally (by e-mail)



Individual

Sending us the data of the modeled scan

Production via Rapid Manufacturing

	Impression	Scan	Modeling	Print	Finishing	Shipping
Classic						
Digital						
Individual						

Processed by egger

Processed by customer

Rapid Manufacturing

The direct route to earmold manufacturing. With Rapid Manufacturing a highly precise scan offers perfect data of the ear impression. Then 3D-Modeling makes it possible to generate a customer-specific fitting with regard to functionality, retention and cosmetic design. The result is a custom-fit earmold that can be reproduced exactly – in different colors and at any time. High-quality materials guarantee complete biocompatibility.

Advantages:

1. Scan: The data makes exact reproduction of any number of earmolds possible.
2. Modeling: Computer technology permits incorporating individual and functional specifications.
3. Print: The manufacturing process guarantees highest quality – every time.
4. Finishing: The earmold is adjusted manually and is completely biocompatible.

Materials for Conventional Manufacturing

Ak Acrylic, cold polymerizate

- UV-resistant
- monomer-polymer base (PMMA)

Colors:
pink-transparent
transparent
Color Collection / Colored Acrylic Earmolds

Ah Acrylic, hot polymerizate – extremly robust

- especially kind to the skin
- the material structure is even harder than that of acrylic cold curing material
- UV-resistant
- monomer-polymer base (PMMA)

Colors:
pink-transparent
transparent
beige-transparent

AhK Acrylic combo hot polymerizate

- auditory canal is made of flexible and concha is made of hard acrylic hot polymerizate

Colors:
pink-transparent
transparent

C Colana – cosmetic

- improves the cosmetic aspect of BTE earmolds
- colored in 8 different skin tone shades
- acrylic cold polymerizate on monomer-polymer base (PMMA)

S70 Silicone 70 shore – soft

- tenacious, but elastic, very high tensile strength, non-skid material
- one-component, hot-curing silicone with a degree of hardness of 70 shore

Colors:
pink-transparent
transparent
Color Collection / Colored Silicone Earmolds

S50 Silicone 50 shore – very soft

- elastic (rubber-like), very high tensile strength, non-skid material
- one-component, hot-curing silicone with a degree of hardness of 50 shore

Colors:
pink-transparent
transparent

S/K Silicone 70/50 shore – soft combination

- elastic, very high tensile strength
- auditory canal is made of rubber-elastic and concha is made of tenacious-elastic, hot-curing silicone

Colors:
pink-transparent
transparent

S30 Silicone 30 shore – extremely soft

- super-soft material structure with a degree of hardness of 30 shore
- high tensile strength, permanent elasticity, non-skid material
- addition-vulcanizing silicone

Colors:
pink-transparent
transparent
red, blue, yellow, green, white

Cat Catamaran – for splash protection

- floatable
- addition-vulcanizing, super-soft silicone with a degree of hardness of 30 shore

Colors:
Color Collection / Colored Silicone Earmolds

TC THERMOtec® – thermal flexible

- especially kind to the skin
- good transfer of humidity
- flexible at body temperature, hard at ambient temperature
- permanent elasticity and trouble-free application
- polyurethane base

Patent under No. P4107284

Colors:
pink-transparent
transparent
red
blue
yellow
green
black

All used materials are subject to regular quality checks.

Allergy Problems?

egger materials for earmolds are tested and biocompatible.

Only skin friendly materials are used. In exceptional cases

surface coating and special materials can help.

Titanium Earmold

Antiallergic metal earmold produced from an existing LP/H earmold using the Selective Laser Sintering (SLS) technique. The LP/H earmold is used for the manufacturing of the cast form and burns during casting under high temperatures, leaving no residues. It is necessary to wear the LP/H earmold beforehand as it is not possible to rework the titanium material.

Advantages:

- antiallergic, biocompatible material which is used in implantation technology
- highest degree of skin and body compatibility
- metal fineness
- pureness of metal
- so far no incompatibility known
- precious metal
- absolutely no plastic components
- low metal weight
- extremely long durability
- robust and insensitive

LP/H Earmold

PMMA-free plastic material on acrylic base which is polymerized and completely cured under UV-blended light.

Advantages:

- very skin friendly material
- PMMA-free
- easy to manufacture

Gold-Plated Earmold

After use on a trial basis, a hard earmold can be 18 carat gold-plated. A gold-plated earmold cannot be reworked.

Advantages:

- antiallergic surface sealing
- every hard earmold can be coated later
- very skin friendly
- gold-plating of bond surfaces or of all surfaces possible
- high-grade appearance and decorative accessory
- high-gloss surface
- high surface cleanliness (18 carat)

THERMOtec® Earmold

The best mixing degree can be reached when mixing the two-component material while degasifying under vacuum. The following polymerization under pressure and temperature guarantees an optimal skin-compatibility.

Advantages:

- good transport of moisture
- patented (protected)
- physiologically perfect
- soft in the ear at body temperature
- hard at room temperature
- easy to insert into the ear
- permanent elasticity
- easy to rework

Lacquered Earmold

An existing hard earmold can be sealed later with LP/H lacquer and hardened under UV-light. It is absolutely necessary to use the earmold on a trial basis because a lacquered earmold cannot be reworked without rupturing the LP/H coating.

Advantages:

- antiallergic surface sealing is possible at a later date on every hard earmold
- increases the skin-friendliness of acrylic earmolds in case of allergic reactions
- smooth surface structure

Rhodium-Plated Earmold

After use on a trial basis a hard earmold can be rhodium-plated. A rhodium-plated earmold cannot be reworked.

Advantages:

- antiallergic surface sealing is possible at a later date on every hard earmold
- very skin friendly
- rhodium-plating of bond surfaces or all surfaces possible
- high-grade appearance and decorative accessory

Note: It is necessary to manufacture a test earmold beforehand.

Earmolds for Children

Good hearing from the beginning is the most important prerequisite for the development of the speech center. To enable children to use high-quality hearing systems especially finely worked earmolds are essential. The thin-walled earmold improves the willingness to wear the hearing aid and perfectly insulates the child's ear. Earmolds for children are produced from robust, durable material. Various colors and our Color Collection increase the joy of wearing them. Sound tubes with a small diameter, made especially for children, fit into the tiniest auditory canals. Special retaining earmolds are available for the speech processors of CI-hearing systems.

For more information please contact us.
Phone: +49 831 5811340.

Care Program

... for long-lasting, good hearing. Professional cleaning and drying ensure the functionality of hearing systems and prevent ear infections. For the hearing aid acoustician the egger care program is the beginning of a continuous customer relationship and lucrative additional sales.

You can choose from the following product lines:

- *Cedis:* The strong brand for all hearing systems
- *Cedis* Kids: Especially for children
- *Cedis* [my.name]: Your name as a brand

Please give us a call to talk about the details.
Phone: +49 831 5811360

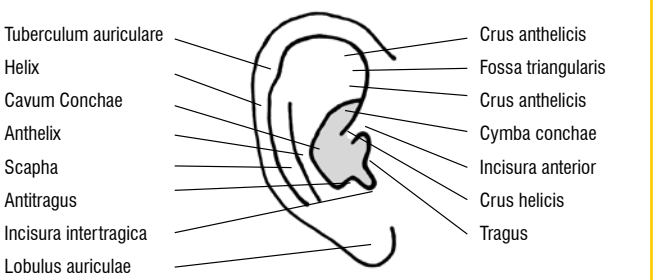
Labeling of Earmolds

Earmolds are unique. Individual labeling underlines this fact. By adding the name of the company, manufacturing date or left-right-markings the earmold becomes unique. Special requests are possible. Labeling is done by laser technology thus distinguishing the product from others.

We will be happy to inform you.
Phone: +49 831 5811340.

When it starts whistling while you are chewing …

A bite block may help to take a more precise impression, in particular when high transmission gain is needed or in cases of feedback while chewing. While taking the impression, the customer bites down on the bite block putting slight pressure on the jaws. Thus the jaw muscles are strained and the auditory canal straightened.



The Impression Taking

From taking an impression to forming an earmold. Basis for a high-quality earmold is a precise impression-taking of the ear. Experience, expertise and the right materials are necessary for this. The more exact the hearing aid acoustician defines the details for the order, the more precise an earmold can be manufactured. In particular this means giving detailed information on the length of the auditory canal, the length of the cymba, the type of sound tube etc.

Do you have any questions on impression-taking for circumaural earmolds, rest pieces or non-skid earmolds?
We will be happy to provide you with information.
Please give us a call.
Phone: +49 831 5811340.

Hearing Protection

Hearing protection today has numerous applications: at work, during leisure time, at night. Work protection regulations mandate the wearing of hearing protection in surroundings with a high noise level. Home improvers, hunters, motor sport enthusiasts or party-goers use protection earmolds for a worry-free time. Musicians combine hearing protection with the possibilities of in-ear-monitoring. Hearing protection opens up entirely new customer segments for the hearing aid acoustician – with a positive outcome.

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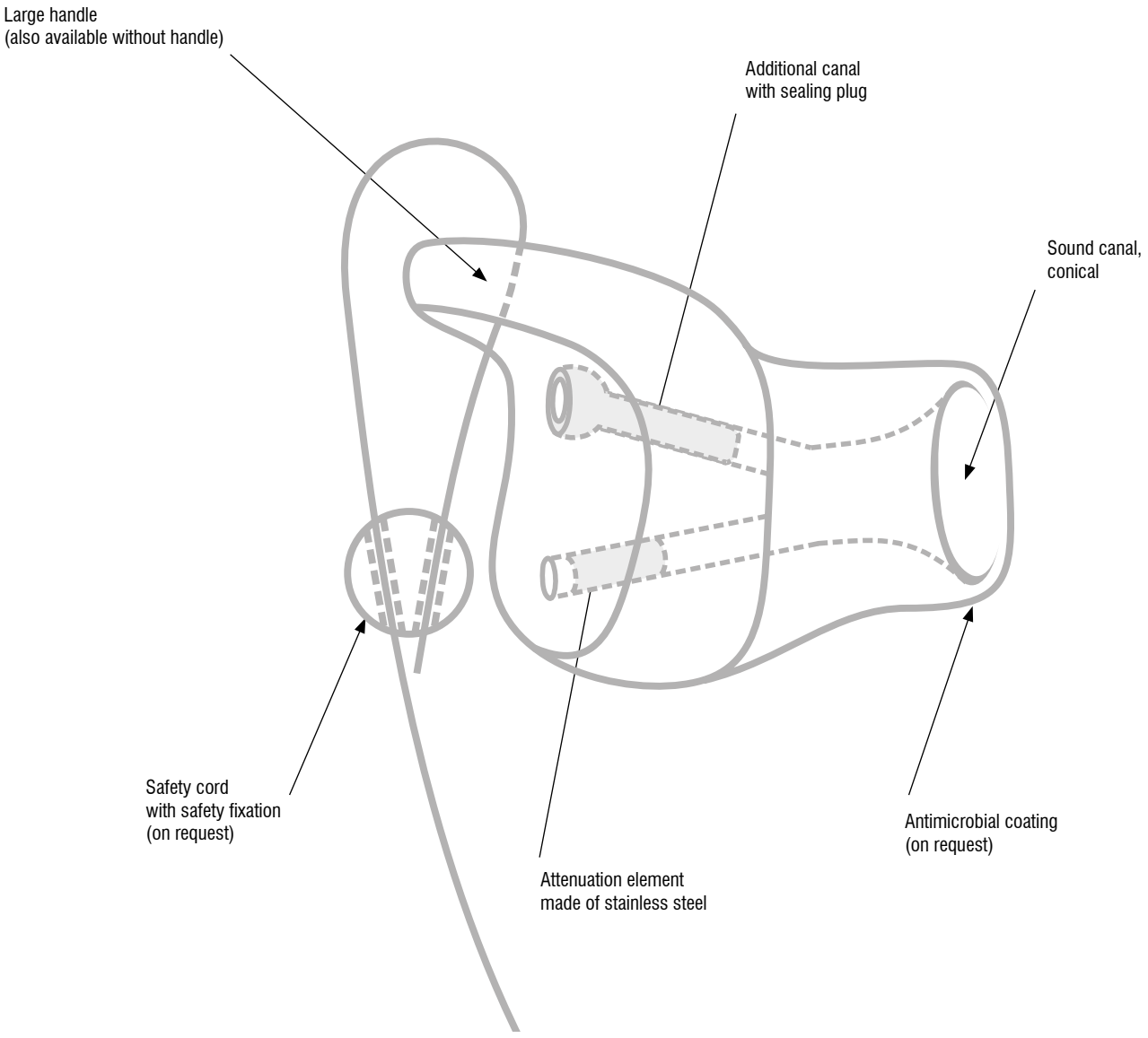
Custom-Made Hearing Protection / Protection Earmolds

Custom-made hearing protection by egger is useful where ever the highest degree of wearing comfort and very good protection are required. The use of attenuation elements of various noise reduction values ensures the right kind of protection in many fields of operation. Therefore, people can keep up a concentrated performance in a noise-polluted environment.

e PRO-X

The [New] Hearing Protector.



egger ePRO-X

Versatile professional hearing protector for any situation.

without handle

with handle

detachable connecting cord

As much protection as needed. As much acoustic perception of surroundings as possible. This characterizes ePRO-X as innovative, professional hearing protection. As such it is ready to counter damaging as well as disturbing noise. Manufactured individually after impression taking using comfortably soft material, every ePRO-X is a one of a kind and a joy to wear. Five different attenuation elements out of stainless steel to choose from; they offer a fine difference in reliable protection. With handle it facilitates handling and makes way for the optional attachment of a connecting cord – a helpful must, especially at the workplace. Without a handle ePRO-X is "conspicuously inconspicuous". Insider tip: As part of its standard features ePRO-X already contains an additional sound canal. It is here that ePRO-X can be extended into an in-ear-monitoring by connecting it to special in-ear earphones or headsets. Thus an enjoyable listening experience will be guaranteed from the very start – on stage, while exercising or while traveling. ePRO-X represents unique versatility, customer satisfaction, a slim product portfolio and also your success!

- wide application range – from low to high noise levels
- 4 highly precise attenuation elements of stainless steel with effects to different degrees – with special approval S/V/W (use at the workplace; see table X 2M to X 5M)
- 1 attenuation element for leisure purposes – with little attenuation, e. g. for quiet surroundings while studying or against background noise in open-plan offices (* "X 1M")
- highest wearing comfort due to custom-made protectors
- earmold made of tried and tested soft silicone
- long-lived and easy to clean
- available either with or without handle
- additional sound canal to be able to turn the protector into In-Ear-Monitoring (when it is not used, the sound canal is tightly sealed with a sealing plug)
- includes case with belt clip, user instructions, warranty card, wax pin, a care gel and cleansing wipe

On request available with connecting cord, metal detector ball and antimicrobial surface finish. Available in different colors.

We will gladly provide you with a detailed data sheet as a print-out or in PDF format – either online or by e-mail.

egger ePRO-X hearing protection devices are manufactured individually after ear impression taking. They conform to the regulations of Directive 89/686/EEC (Personal Protective Equipment) and EN 352-2. Tested by Germany's Institute for Occupational Safety and Health (IFA), Alte Heerstraße 111, 53757 Sankt Augustin. European notified body with the identification number 0121.

*Does not qualify as PPE (Personal Protective Equipment)

Attenuation elements (stainless steel)

X 1M X 2M X 3M X 4M X 5M

Possible fields of application:

industrial sector
craft sector
hobbies
motor sports
in-ear-monitoring

Noise level:

medium to high
low (X 1M comfort element)
across all frequencies

Filter	X 1M*	X 2M	X 3M	X 4M	X 5M
SNR value	12	23	27	28	31
Value H in dB	18	25	27	29	30
Value M in dB	8	21	25	25	28
Value L in dB	3	16	23	23	26

Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

NEW – egger ePRO-ER

Hearing protection for leisure purposes with natural sound reproduction

ePRO-ER is the comfortable hearing protection for anyone, who is exposed regularly to loud noises and still needs to be able to listen carefully: musicians, sound technicians, dentists, but also concert and club goers. Optimum protective effect is combined with natural sound reproduction, greatest possible wearing comfort and inconspicuous wearing style. Special broad band attenuation filters guarantee an even noise-reducing effect in the frequency range between 125 and 8000 hertz. The timbre is maintained, the sound continues to be natural. Our selection includes four filters 9*/15/25/stop, through which the noise level is reduced. At the same time, an occlusion effect is effectively avoided. Manufactured individually after ear impression taking, the ePRO-ER stays in the ear comfortably even when worn long-term. The exact fit provides a secure hold. The soft, long-life material is insensitive and easy to clean. In combination with the monitoring receiver EIM 15, the ePRO-ER earmold is ideally suited for use on stage or connecting e. g. to personal listening devices.

- optimal protective effect
- natural sound reproduction
- only the volume is reduced
- greatest possible wearing comfort due to custom-made fabrication
- four filters of different attenuation levels available
- colors of the filter: beige, red, blue and transparent
- standard delivery: transparent
- no occlusion effect
- made of soft, durable and easy-to-clean material
- suitable as earmold for in-ear-monitoring
- includes user instructions, storage bag, wax pin, *Cedis* care gel and warranty card

On request available with metal detector ball and in many different colors.

We will gladly provide you with a detailed data sheet as a print-out or in PDF format – either online or by e-mail.

egger ePRO-ER hearing protection devices are manufactured individually after ear impression taking. They conform to the regulations of Directive 89/686/EEC (Personal Protective Equipment) and EN 352-2, ANSI S3.19-1974, AS/NZS 1270:2002. Tested by PZT GmbH, An der Junkerei 48 F, 26389 Wilhelmshaven, Germany. European notified body with the identification number 1974.

*Does not qualify as PPE (Personal Protective Equipment)

Possible fields of application:

musicians
music lovers
noise sensitivity
noise in the ear
in-ear-monitoring

Noise level:

low to high
across all frequencies

Filter	ER 9*	ER 15	ER 25	ER stop
SNR value	11	15	25	30
Value H in dB	10	13	25	29
Value M in dB	9	14	23	28
Value L in dB	9	14	21	26

Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

ALPINE® F hard 7/8/10

Hearing protection for work and leisure time

ALPINE F hard 7/8/10 is a type of hearing protection, made of hard material, which is manufactured individually after ear impression taking. The attenuation effect is determined by three different filters depending on the application range.

- Filter F7: effective insulation against noise due to drilling, sawing or motor-roaring
- Filter F8: for applications e. g. when processing metal or polymer
- Filter F10: with the highest possible attenuation effect for high noise levels, e. g. while listening to music, shooting or for high concentration while reading

The attenuation effect of the ALPINE F hard 7/8/10 already begins in the low frequency range. Thus ALPINE F hard 7/8/10 is ideally suited as noise protection at work or for hobby and leisure time. Due to its optimum fitting, ALPINE F hard 7/8/10 guarantees high wearing comfort even during longer periods of use. The hard material is highly durable. Its surface is dirt-repellent and easy to clean. Therefore, ALPINE F hard 7/8/10 is also suitable for use under conditions generating a lot of dirt.

- custom-made after ear impression taking
- reasonably priced due to simple manufacturing process
- equipped with F10 filter in the standard version
- filters available in three different attenuation values
- attenuation efficiency already in the low frequency range
- resistant to dirt
- left and right hearing protection labeled with colored marks
- includes user instructions, storage bag, wax pin, *Cedis* care gel and warranty card

On request available with connecting cord and metal detector ball.

According to the regulations of the Directive 89/686/EEC (Personal Protective Equipment) and EN 352-2: 1993. Verified by TNO in Soesterberg, NL. European notified body with the identification number 0336.

Possible fields of application:

industrial sector
craft sector
hobbies

Noise level:

medium to high
medium / high frquency

Filter	**F 07** green	**F 08** red	**F 10** white
SNR value	23	25	26
Value H in dB	27	28	28
Value M in dB	19	21	22
Value L in dB	14	17	20

Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

Splash Protection Earmold

single-colored / multi-colored, incl. beach safe

The splash protection earmold is custom-made after impression taking. Prevents water from penetrating the ear while taking a bath or shower or doing water sports and therefore protects against ear inflammation. The extremely tissue-friendly, soft material complies with the Medical Devices Act.

- floatable
- very good protection due to customized fit
- seals without applying pressure
- made of soft material (30 shore)
- durable
- available in various colors and color combinations
- “beach safe” included, the waterproof case with cord
- on request available with connection cord
- available in blue, yellow, green, red, white, pink, purple, orange and black

Concha Noise-Reduction Earmold

Noise and splash protection, incl. bag

The individual protection earmold for work and leisure time, manufactured after impression taking. The soft material is pleasant to wear, protects intensively against noise, dust and cold temperatures and prevents water from penetrating the ear.

- good attenuation efficiency
- soft material (30/50/70 shore)
- durable
- perfect fitting
- easy to insert due to handle
- egger storage bag included
- available in transparent, single-colored or multi-colored
- on request available with connection cord

Noise-Reduction Earmold for Ear Canal / Sleep Protection Earmold

Small size, great effect, incl. bag

Earplug made of especially soft material, custom-made after ear impression taking. Comfortable to wear due to its small size. It guarantees an absolutely quiet sleep.

- pleasant quietness for sleeping
- extremely soft material (e. g. 30 shore)
- durable
- perfect fitting
- egger storage bag included
- available in transparent, single-colored or multi-colored

egger ePRO-X

egger ePRO-ER

ALPINE® F

Protection Earmolds

Communication Systems / In-Ear-Monitoring

The professional in-ear monitor – for professional musicians on stage, as well as for listening to your iPod and MP3 player, for headsets of cell phones, walkie-talkies or dictaphones. In-ear-monitoring in combination with a custom-made monitoring earmold provides effective hearing protection with high wearing comfort. For a professional performance.

In-Ear-Monitoring (IEM)

In-Ear-Monitoring

… not only for musicians

… the professional in-ear monitor

… taking the sound right to the ear

Developed by stage performers at the end of the 80s, this technology is becoming increasing popular. “Zoning out on the unnecessary”. Large monitor boxes on stage through which every musician controls his or her voice or instrument are no longer needed. Instead every musician has his or her in-ear monitor – a small receiver worn directly in the ear. Ideally in combination with a custom-made earmold by egger, manufactured after impression taking of the ear (= monitor earmold).

Clear bonus points for musicians:

- total control over sound and voice on the entire stage
- considerably lower noise level in the ear and on stage
- provides unchanging and natural sound quality, allows unlimited movement and highest possible wearing comfort during rehearsals and concerts
- apart from your hearing, it is also kind to your voice. Singing to overpower the high, overall noise level on stage is no longer necessary

The custom-made in-ear-monitor earmold

- is manufactured after the hearing aid acoustician takes your ear impression
- effectively protects the ear against high noise levels
- prevents hearing damage
- is manufactured especially for existing standard receivers (e. g. iPod, MP3 player, CD player). This way the receivers will stay securely in the ear while, e. g. exercising.
- suitable for many mobile and radio devices, so you can still hear your conversation partner even in noisy surroundings

Today this technology has become important in many areas of modern communication, e. g. for

- musicians
- security personnel
- radio and TV hosts
- racers and pit crews
- MP3 players
- headsets of mobile devices
- dictaphones in a secretary’s office

If you want to discover the wonders of in-ear-monitoring and do not yet have an in-ear receiver, choose one from the egger program.

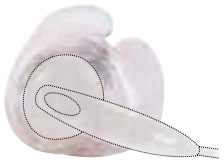
Custom-Made IEM Earmolds

The professional link between man and technology.

- custom-made after ear impression taking
- ensures secure hold in the ear
- comfortable to wear
- great sound reproduction
- reduces background noise
- suitable for many fields of application

Concha Monitoring Earmold, soft

The concha monitor earmold is manufactured individually, made of soft material, after ear impression. It offers an exact fit for coupling to many standard receivers of CD players, iPods, MP3 players, office communication devices, headsets or radio devices. Thus reducing background noise while staying securely in the ear.



Ear Canal Monitoring Earmold, soft

The ear canal monitoring earmold is characterized by its small size. Made of soft material after custom-made impression taking. It connects your hearing with mini receivers that are usually worn with ear plugs. The ear canal monitoring earmold is the right earpiece for everyone that is dependent on sound reproduction like musicians, sound technicians or security personnel. The custom-made connection reduces background noise and ensures a secure hold.

Race-Line In-Ear-Monitoring, soft

In-ear-monitoring set for both ears. Custom-made, soft earmolds, manufactured after ear impression taking. Developed especially for motor sport enthusiasts and comfortable to wear under helmet. The receivers are firmly integrated into the earmolds. One set of receivers comes with a RCA jack and a cable of approx. 130 cm, (measured from plug to receivers).

Standard Monitoring Earmold, hard

The standard monitoring earmold creates a custom-made connection between your hearing and CD player, iPod, MP3 player or office communication devices. Custom-made earmold manufactured of hard material after ear impression taking. Fits securely in the ear and reduces background noise. This is in-ear-monitoring at a favorable price for better sound reproduction.

IEM Earphones

EIM 15 – Earphone suitable for hearing protection ePRO-ER **86435**

EIM 15 is the small, high-quality in-ear stereo earphone, suitable for the custom-made hearing protection ePRO-ER. Simply exchange filter elements of ePRO-ER with in-ear earphones and transform your noise protection into an in-ear-monitoring system with natural sound quality, good reproduction of deep tones and great wearing comfort. It is the flexible solution when seeking technology while caring for your hearing.

- transforms ePRO-ER hearing protection into a professional in-ear-monitoring system
- natural sound quality
- good reproduction of deep tones
- flesh-colored
- durable, flexible cable
- stereo jack plug (3.5 mm)
- protective case included

Spiral Tube, 2.0 x 3.1 mm **95611**
with collar clip for coupling to earphones

Elbow for spiral tube **95612**

Coupling Connector with Collar Clip (without spiral tube) **95613**

Standard Earmold Set

Includes 3 soft, ready-made earpieces in different sizes and one lamella-shaped ear plug.

For left ear **95615**
For right ear **95616**

NEW – **Etymotic Research** – The Inventors of the In-Ear Technology

Etymotic Research has been recognized as the market leader in the in-ear technology sector for more than 25 years. The result were the pioneering insert earphones for people who value superior sound quality. Linked to each series, these earphones are additionally available in the Headset version. Apart from perfect listening and speech intelligibility quality, this version guarantees the highest possible safety level when in use. To that end, Etymotic offers the "App Awareness!™" tool, with which the level of noise isolation can be selected and surroundings will remain audible e. g. in road traffic or while exercising available at www.etymotic.com/awareness.

hf Series – High-Fidelity for the Ears

Superior sound
Strong design
Kevlar-reinforced cable
Many accessories
Beloved among musicians, music and audio book lovers
Clear communication for telephone users with little and lots of breath
Soft touch colors: ruby, cobalt, black

hf5 Earphones

For all audio players

- extraordinary sound quality
- frequency response 20 Hz – 15 Hz
- 35 – 42 dB noise isolation
- high-quality aluminium casing
- high wearing comfort
- includes pouch, replaceable filters, assorted standard eartips, shirt clip, user manual

black	**86548**
cobalt	**865481**
ruby	**865482**

hf3 Headset + Earphones

For iPhone, iPad, iPod touch and other MP 3 players

- close-proximity "In-Line-Microphone" with 3-button control
- supports the control possibilities of the latest mobile devices from Apple
- music automatically pauses for an incoming call
- 3.5 mm 4-contact plug
- many accessories as for hf5

black	**86547**
cobalt	**865471**
ruby	**865472**

hf2 Headset + Earphones

Works with smartphones/tablets, Blackberry, Android, Windows Mobile devices, MP 3 players

- close-proximity "In-Line-Microphone" with a simple button control answer/end calls or select music
- music automatically pauses for an incoming call
- 3.5 mm 3-contact plug
- many accessories as for hf5

black	**86546**
cobalt	**865461**
ruby	**865462**

mc Series – Starting Out into the Good World of Sounds

Strong sound
Low cost
Ideal for music and audio book lovers
User-friendly for telephone users with little and lots of breath
Snazzy chromatic color (black)

mc5 Earphones — 86545

For all audio players

- improved casing for better sound
- convincing sound quality
- frequency response 20 Hz – 15 kHz
- high level of noise isolation
- improved shape for enjoyable wearing comfort
- light, robust aluminum casing
- Kevlar-reinforced cable
- 3.5 mm plug
- includes pouch, replaceable filters, assorted standard eartips, shirt clip, user manual
- convincing price-performance-ratio

mc3 Headset + Earphones — 86544

For iPhone, iPad, iPod touch and other MP 3 players

- close-proximity “In-Line-Microphone” with 3-button control
- supports the control possibilities of the latest mobile devices from Apple
- music automatically pauses for an incoming call
- 3.5 mm 4-contact plug
- many accessories as for mc5

mc2 Headset + Earphones — 86543

Works with smartphones/tablets, Blackberry, Android, Windows Mobile devices, MP-3 players

- close-proximity “In-Line-Microphone” with a simple button control answer/end calls or select music
- music automatically pauses for an incoming call
- 3.5 mm 3-contact plug
- many accessories as for mc5

ETY·Kids Series – Guaranteed Fun Listening Experience and Hearing Protection

Familiar sound quality
Hearing-sensitive volume control
Suitable especially for kids and teens
Glossy look (black)

ETY·Kids5 Earphones — 86542

For all audio players

- Etymotic sound quality
- integrated volume control
- avoids damaging volume levels
- frequency response 20 Hz – 15 kHz
- up to 42 dB noise isolation
- suitable for audio devices with 3.5 mm plugs
- includes pouch, assorted standard eartips, user manual

ETY·Kids3 — 86541

For iPhone, iPad, iPod touch and other MP 3 players

- close-proximity “In-Line-Microphone” with 3-button control
- supports the control possibilities of the latest mobile devices from Apple
- music automatically pauses for an incoming call
- 3.5 mm 4-contact plug
- many accessories as for ETY·Kids5

MicroPro Earphones – Premium Quality for Professionals

Meets the needs of professional musicians
Suitable for stage action or the recording studio
Perfectly equipped in any situation

ER·4P/T — 864201

Hearts and ears will flutter in excitement

- transparent sound
- deep low tones, clear high tones
- balanced technology (right and left transducer)
- frequency response 20 Hz – 16 kHz
- maximum output (SPL) 122 dB
- up to 42 dB complete noise isolation
- small shape, great wearing comfort
- 3.5 mm plug
- comprehensive set of accessories: storage box, pouch, assortment of eartips, 6.3 mm stereo plug, airplane plug, shirt clip, replaceable filters including tool

etyBLU2™ Bluetooth® Headset — 86540

Offering a solution to telephone users with little and lots of breath who want to make calls in surroundings with high levels of background noise

- wireless, sophisticated technology
- brilliant speech intelligibility and sound quality
- flexible boom allows close proximity microphone location
- noise canceling microphone (- 30 dB)
- noise-isolating effect thanks to standard eartips
- up to 7 hours talk time, up to 100 hours standby
- low battery warning
- comprehensive set of accessories: assortment of eartips, earloop, USB charging cable, microphone wind screen, replacement filter and filter removal tool

Standard Hearing Protection

Standard products protect against noise – quickly and easily while being reasonably priced. To this end, they are practical for visitor groups in noisy factories, for home improvers or quiet sleep. Standard hearing protection is available for every occasion, in various shapes - plug or lamella -, with or without bow, or simply as ear muffs.

Standard Hearing Protection – Practical, Quick, Inexpensive

It is the simple and fast solution for protecting against noise and caring for your hearing: standard hearing protection. It is practical and offers secure protection at work, during home improvement projects, for water sports or a good night's sleep. Standard hearing protection is available for every occasion and in various shapes – plug or lamella.

Electronic Hearing Protection

Noticeable effect yet hardly noticeable in the ear. Electronic hearing protection of premium quality. Clever, shaped as small in-ear-devices, comfortable, safe. Suitable for work areas with high levels of background noise, gun sports. Activation of enhancement mode possible for soft background noises. High-level wearing comfort. Includes comprehensive set components: 1 pair of in-ear hearing protectors, assortment of eartips, robust connecting cord, replacement filter and filter removal tool, cleaning brush, 6 zinc-air batteries A 312, high-quality pouch.

NEW – HD•15 **86538**

For use in loud surroundings and continuous-noise work areas

- protection against (impulse) noises
- awareness of surroundings remains intact
- automatic enhancement – noise reduction of 15 dB in case of steady-state noise
- enhancement mode for soft background noises
- permitted as Personal Protective Equipment

NEW – GunSport•Pro | GSP•1 **86537**

For hunting and other gun sports

- reliable protection against (impulse) noises
- additional noise isolation thanks to optimum shape
- enhancement mode for soft background noises, e. g. for the awareness of soft noises during the hunt
- awareness of surroundings remains intact
- permitted as Personal Protective Equipment

Plug, Kneadable

Ear Putty **86602**

Silicone earplug, 1 pair
Splash water protection
Sound night's sleep

Foam Plugs

Classic Soft

1 pair in pocket pack	**86565**
5 pairs in pocket dispenser	**86561**
50 x 5 pairs in pocket dispenser	**86562**
200 pairs in dispenser	**86563**

SNR: 36 dB, H-value: 36 dB, M-value: 33 dB, L-value: 29 dB

Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

x-fit

1 pair in PE pouch	**86570**
200 pairs in box	**86572**
200 pairs in refill bag (loose)	**86571**

SNR: 37 dB, H-value: 36 dB, M-value: 34 dB, L-value: 34 dB

com4-fit

1 pair in PE pouch	**86575**
200 pairs in box	**86577**
200 pairs in refill bag (loose)	**86576**

SNR: 33 dB, H-value: 33 dB, M-value: 30 dB, L-value: 29 dB

OHROPAX Color, 8 pieces **86433**

SNR: 34 dB, H-value: 34 dB, M-value: 32 dB, L-value: 31 dB

Earplug Quiet, 1 pair **86413**

SNR: 28 dB, H-value: 29 dB, M-value: 25 dB, L-value: 23 dB

Express, 1 pair **86412**

SNR: 28 dB, H-value: 30 dB, M-value: 24 dB, L-value: 22 dB

Lamella Shape with Filter Effect

ER-20 mini **86559**

SNR: 18 dB, H-value: 17 dB, M-value: 16 dB, L-value: 14 dB

ER-20 maxi **86410**

SNR: 18 dB, H- value: 17 dB, M-value: 16 dB, L-value: 14 dB

Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

PartyPlug®, 1 pair in plastic box — **864141**
Standard hearing protection for a pleasant volume when listening to music.
Transparent filter.

SNR: 17 dB, H-value: 18 dB, M-value: 14 dB, L-value: 12 dB

FlyFit®, 1 pair in plastic box — **864121**
Standard hearing protection for rest and relaxation on the way!
TNO-tested (yellow filter).

SleepSoft®, 1 pair in plastic box — **864150**
Standard hearing protection for a pleasant night's rest.
TNO tested (green filter).

WorkSafe®, 1 pair in plastic box — **864185**
Standard hearing protection against noise at work, during hobby and leisure time and motor sports. Universal use. Red filter.

SNR: 18 dB, H-value: 20 dB, M-value: 15 dB, L-value: 13 dB

SwimSafe®, 1 pair in plastic box — **864130**
Splash protection. Protects ears against water.
TNO tested (light-blue filter).

NEW – **Pluggies kids®,**1 pair in plastic box — **864160**
Hearing protection for kids against noise, pressure fluctuations on an airplane and water splashes.
TNO-tested (light-blue filter).

SNR: 19 dB, H-value: 20 dB, M-value: 16 dB, L-value: 14 dB

Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

Ear Planes for Children, 1 pair — **86416**
Protection against air pressure fluctuations.

Ear Planes for Adults, 1 pair — **86415**
Protection against air pressure fluctuations.

Lamella Shape, Closed

whisper+ with Connecting Cord and Box, 1 pair — **86578**

SNR: 27 dB, H-value: 27 dB, M-value: 24 dB, L-value: 22 dB

Aquafit for Children, red, 1 pair — **86406**
Splash protection

Aquafit for Adults, beige, 1 pair — **86408**
Splash protection

Bow-Type Noise Protection

x-cap — **86580**
A flyweight with only 8 g. The oval-shaped soft foam earplugs guarantee a comfortable fit.

SNR: 24 dB, H-value: 27 dB, M-value: 19 dB, L-value: 18 dB

ReFlex — **86480**
Flexible to wear due to joint; wear it under chin, over head or behind head, conical, soft foam plugs; high attenuation effect.

SNR: 27 dB, H-value: 30 dB, M-value: 23 dB, L-value: 22 dB

Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

Ear Muffs

KID

Small model for children up to 7 years, lightweight, high wearing comfort due to cushioned headband.

neon green **864830**
neon pink **864831**

SNR: 26 dB, H-value: 33 dB, M-value: 23 dB, L-value: 14 dB

5000 C, blue

86486

Favorably priced, lightweight, high wearing comfort due to cushioned headband; very comfortable to wear; protects against high noise levels.

SNR: 27 dB, H-value: 31 dB, M-value: 25 dB, L-value: 17 dB

x Ear Muffs

86581

Foldable and lightweight, high wearing comfort when worn for extended periods; despite small capsules, it offers optimum protection against extremely high noise levels.

SNR: 36 dB, H-value: 38 dB, M-value: 34 dB, L-value: 26 dB

SportTac – active ear muffs, green/orange

86487

Active, electronic ear muffs for sports shooters; automatically reacts to impulse noises; adjustable noise level, automatic cut-off.

Power supply: 2 AAA batteries (included)

SNR: 26 dB, H-value: 29 dB, M-value: 23 dB, L-value: 16 dB

Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

Tactical XP – active ear muffs **864870**
Active, electronic ear muffs for work in high noise levels; automatic protection mechanism; adjustable noise level, automatic cut-off.

Power supply: 2 AAA batteries (included)

SNR: 31 dB, H-value: 32 dB, M-value: 29 dB, L-value: 20 dB

Assortments

Standard Hearing Protection **864500**
Assortment of 15 different products

Contents:
1 x Classic SOFT, 5 pairs in pocket dispenser (REF 86565)
1 x Classic SOFT, 1 pair in pocket pack (REF 86581)
1 x x-fit, 1 pair in PE pouch (REF 86570)
1 x Earplug Quiet (REF 86413)
1 x Aquafit for adults (REF 86408)
1 x Aquafit for children (REF 86406)
1 x Ear Planes for adults (REF 86415)
1 x Ear Planes for children (REF 86416)
1 x Pluggies kids (REF 864160)
1 x ER-20 mini, 1 pair (REF 86559)
1 x ER-20 maxi, 1 pair (REF 86410)
1 x PartyPlug (REF 864141)
1 x x-cap bow-type noise protection (REF 86580)
1 x ReFlex bow-type noise protection (REF 86480)
1 x 5000 C ear muffs (REF 86486)

Lamella-Shaped Hearing Protection **864110**
Assortment of 48 pairs incl. display

Contents:
1 high-quality counter display for 18 boxes (REF 864112)
8 x WorkSafe, 1 pair in plastic box (REF 864185)
8 x PartyPlug, 1 pair in plastic box (REF 864141)
8 x FlyFit, 1 pair in plastic box (REF 864121)
8 x SwimSafe, 1 pair in plastic box (REF 864130)
8 x SleepSoft, 1 pair in plastic box (REF 864150)
8 x Pluggies kids,1 pair in plastic box (REF 864160)

Counter Display, empty **864112**

ER-20 mini + maxi **86549**
Assortment containing 10 pairs mini, 10 pairs maxi.

Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

Accessories for Hearing Protection

Everything from spare attenuation elements to beach saves: Useful and practical accessories for your customers pertaining to hearing protection. A selection that will distinguish you as a competent system supplier.

egger ePRO-Meter **796785**

Measuring system for performing functional testing on
egger hearing protectors

According to the PPE Guideline 89/686/EEC, manufacturers and sales partners of hearing protectors may only commercialize products with an adequate protective effect. In order to ensure that the protective effect of hearing protection is adequate, the latest edition of Germany's national rules and standards "Technische Regeln zur Lärm- und Vibrationsschutzverordnung (TRLV Lärm)" (engl. "Technical regulations of the noise and vibration protection ordinance (TRLV Noise)") requires functional testing when dispensing customized hearing protection and thereafter at intervals of 2 years. In this way, the performance of functional testing is an inherent part of dispensing hearing protectors.

The egger hearing protection test is one possible functional testing method. It serves to determine the attenuation value in dB(A) and the derived efficacy of the hearing protection worn in the ear. With the collaboration of the person wearing the hearing protection, the results are determined using sound-insulated over-the-ear headphones and the "ePRO-Meter" measuring system, which has been especially developed for this purpose. A pulsating third (interval) tape noise at a frequency of 500 Hz serves as the test signal. In order to determine an extended measurement result, a pulsating 250 Hz test signal is also available.

- Mobile – usable anywhere, e. g. in combination with netbooks
- Practical – takes up little room, light
- Fast and easy – result is accessible in only 5 minutes
- Documentable – result will be generated in PDF format
- Individual – inserting your logo is possible
- Favorable pricing – little investment, maximum benefit

Scope of delivery for ePRO-Meter:
USB stick with installation software
over-the-ear headphones
external USB sound card
90 *Cedis* Cleansing wipes

System requirements:
IBM or IBM compatible PC with the following features:
Pentium processor > 2.6 GHz
RAM > 1024 MB
VGA graphics card (800 x 600 resolution)
USB port
from Windows XP Service Pack 3 or later

Functional Testing

Sound Level Meter Type 5055 **86489**

egger Storage Bag, black **19923**
With print “egger-gehoerschutz.com”

Storage Bag, black **19924**
On request labeled with your logo.
We will be happy to assist you.

egger Inserting Bag, small **198820**
With print “egger-gehoerschutz.com”

Inserting Bag, small **19882**
On request labeled with your logo.
We will be happy to assist you.

Aluminum Box

86439

Beach Safe

blue	**99930**
red	**999301**
yellow	**999303**
white	**999304**

Textile Connecting Cord

for ER-20 mini/maxi	**86411**
for soft hearing protectors with collar clip	**864999**

Rubber Connecting Cord

for hearing protector, 80 cm	**864940**
Set of rubber connecting cord with cord stopper egger “e” (round), red and blue, incl. collar clip	**864949**

Cord Stopper for Rubber Connecting Cord, egger “e” (round)

red	**864947**
blue	**864948**

Sealing Plug for Additional Canal of the Hearing Protector ePRO-X

egger “e”, rod-shaped

blue	**864951**
red	**864952**

egger “e”, pin-shaped

blue	**19764**
red	**19765**

Wax Pin “egger”, blue **19858**

Universal Collar/ Cabel Clip for hearing protection and earmolds **19868**

Dispenser “one 2 click”, empty **865710**

Spare Parts

NEW – Eartips for Etymotic Research Earphones

Spare Eartip 3-flange, standard, 5 pairs
for series ER4 / hf / mc / EK / etyBLU2 / GSP1 / HD 15
Color: grey-transparent

865601

Spare Eartip 3-flange, large, 5 pairs
for series ER4 / hf
Color: grey

865602

Spare Eartip 3-flange, large, 5 pairs
for series mc / EK
Color: transparent

865603

Spare Eartip, foam, 5 pairs
for series ER4 / hf / mc / EK / etyBLU2 / GSP1 / HD 15

865604

Spare Eartip, glider, 3 pairs
for series ER4 / hf / mc / EK / etyBLU2 / GSP1 / HD 15

865605

NEW – Wax Filters for Etymotic Research Earphones

ACCU • Filter (wax filter)

green, 6 pieces
for series ER4 / hf / GSP1 / HD 15

865606

grey, 6 pieces
for etyBLU2

865607

white, 6 pieces
for series mc

865608

x-cap Spare Plugs

1 pair	**865801**
5 pairs	**865805**

Spare Plug, conical for ReFlex, 1 pair — **86482**

Hygiene Kit for uvex x Ear Muffs — **865811**
1 pair of replacement ear cushions

Metal Detector Ball, diameter 2.5 mm — **19869**

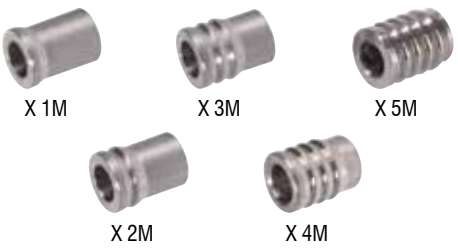
Did you know?
By law, hearing aid products used in the sectors of food, cosmetics and pharmaceuticals must be detectable. This means that if lost, they can be re-covered quickly and easily. For this purpose, employees in such workplaces or production halls use so-called metal and optical detection devices to be able to detect contaminated products rapidly, so they can be discarded. To this end, hearing aid earmolds that are used in these sectors are equipped with a metal ball. In addition, the earmold can also be produced in a vivid color.

Custom-Made Spare Earmolds

ePRO-X, Spare Earmold with Handle (includes sealing plug)	**15350**
ePRO-X, Spare Earmold without Handle (includes sealing plug)	**15355**
ePRO-ER, Spare Earmold	**15720**
ALPINE F hard, Spare Earmold	**15520**

ePRO-X Attenuation Elements

X 1M Spare Attenuation Element, 1 piece	**19821**
X 2M Spare Attenuation Element, 1 piece	**19822**
X 3M Spare Attenuation Element, 1 piece	**19823**
X 4M Spare Attenuation Element, 1 piece	**19824**
X 5M Spare Attenuation Element, 1 piece	**19825**



Spare Attenuation Elements for Hearing Protection

Spare Attenuation Elements ER 9

blue, 1 piece	**19776**
red, 1 piece	**19777**
beige, 1 piece	**19896**
transparent, 1 piece	**19871**

Spare Attenuation Elements ER 15

blue, 1 piece	**19876**
red, 1 piece	**19877**
beige, 1 piece	**19778**
transparent, 1 piece	**19779**

Spare Attenuation Elements ER 25

blue, 1 piece	**19884**
red, 1 piece	**19885**
beige, 1 piece	**19783**
transparent, 1 piece	**19879**

Spare Attenuation Element ER stop **19791**
closed, 1 piece

ALPINE, hard

F7 green, 1 piece	**19912**
F8 red, 1 piece	**19908**
F10 white, 1 piece	**19910**

Sound Tube Adapter for ER Earmold, 1 piece **197910**

Recommended *Cedis* Care Products

***Cedis* Cleansing Spray and Foam**
Ready-made for cleaning and disinfecting (bactericidal, fungicidal and hepatovirucidal effect) hearing aids and earmolds.
Reaction time: 1 minute. Propellant-free.

NEW – **Cleansing Spray mini,** 8 ml, with microfiber cloth **86749**

NEW – **Cleansing Foam,** 50 ml **86780**

***Cedis* Cleansing Wipes**
Moist wipes for quickly and effectively cleaning and disinfecting (bactericidal, fungicidal and hepatovirucidal effect) hearing aids and earmolds.
Reaction time: 1 minute

NEW – **Double Box** with 40 moist and 40 dry wipes **87269**

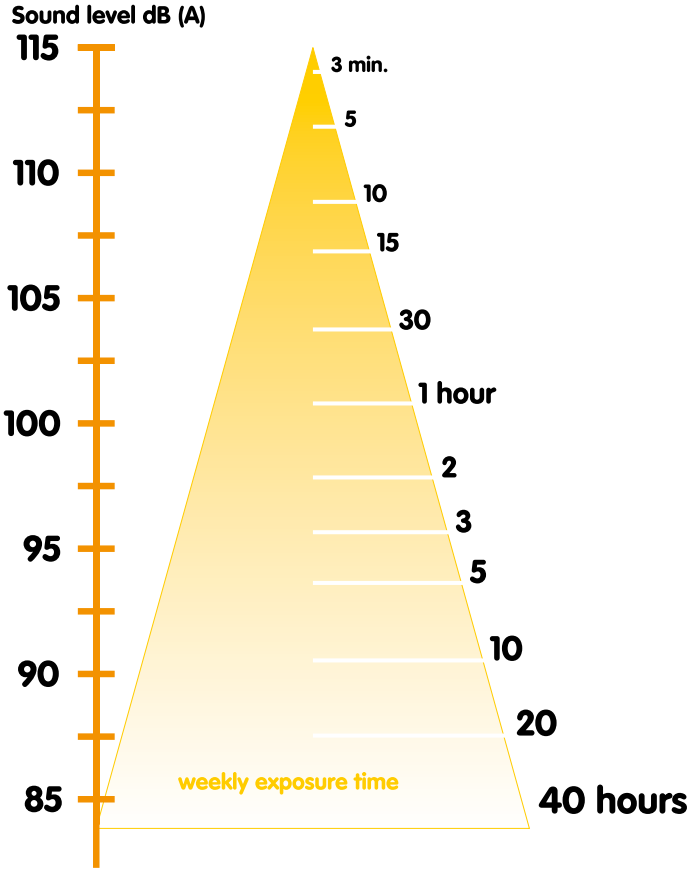
The European “Noise at Work” Directive – A Great Challenge

From March 2007 new limit values regarding the daily noise exposure levels have come into force. The Directive mandates the wearing of hearing protection at the workplace. Different to the former Directive, the values of some sectors will be tightened. On the one hand because the exposure limit values have been reduced by 5 dB (A) and on the other hand because of new demands on the appraisal of risks. Where noise exposure exceeds the lower exposure action value of 80 dB (A) (up to now 85 dB (A)), the employer must make individual hearing protectors available to workers. Where noise exposure matches or exceeds the upper exposure action value of 85 dB (A) (up to now 90 dB (A)), individual hearing protectors must be used. This applies to the industry and craft sectors and professional musicians. Many companies must newly indroduce or improve the wearing of hearing protection. The hearing protection earmold is often the right and in the long run the economical solution. This is an access for the active hearing aid acoustician to a new lucrative business sector. There is a need. The responsible persons in the companies depend on advice and support.

We will provide you with the necessary information on how to proceed professionally. Please contact us.

Phone: +49 831 5811390

www.egger-labor.com



Hearing can suffer damage starting at a decible intake of 85 decibel over a time period of 40 hours a week. At a volume of 95 decibel the time span of a safe noise level per week is reduced to a mere 4 hours.

© FORUM GUTES HÖREN egger ist member of Fördergemeinschaft Gutes Hören (German Acousticians’ Association for Good Hearing).

Laboratory Technique

Everything you need for the earmold production. So you can economically manufacture high-quality products. From full-range equipment for various manufacturing techniques over modular laboratory furniture to reliable material for your daily operation – here you will find everything from a one source supplier. Moreover, we offer an extensive care program and product presentation materials.

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Care Products

Cedis is the brand for egger's comprehensive care program. *Cedis* cleans and protects hearing aids, strengthens customer relations and generates continuous economic growth. Let the *Cedis* quality boost your business success. Includes our customer loyalty program and satisfaction guarantee.

Cedis® ... the Brand-Care for Hearing Systems

Effective through systematic set-up

It is nice to have a perfectly matching product for every customer's request. *Cedis* means systematic care.
This strengthens your advisory competence, creates customer satisfaction, increases your company success.
Cedis – the comprehensive care solution for every hearing system.

One brand – many advantages

Established:

The international
brand for professional care
for over 25 years.

Comprehensive:

The right care for every target group:
Special offers, care sets, products
for professionals.

Trusted:

User-friendly from experience.
Successful through
sophisticated products.

Cedis Classic

The brand name for the care of hearing systems. Established through more than 25 years of experience.

Everything for cleaning, drying, maintaining
Everything you need
Everything from one source

Cedis Kids

The *Cedis* range with the Cedilino mouse – especially designed for kids.
Cedilino shows our youngest visually and in a way most suitable for kids
how to care for their hearing aids. Care with fun!

Your advantages:

Single or XXL

You order what you need. According to your demand and independent of minimum order quantities.
Starting with 25 pieces you profit from our sliding-scale prices.

Cedis Satisfaction Guarantee

Demonstrate your confidence in the product with the *Cedis* Satisfaction Guarantee. This means: *Cedis* products can be returned within 3 months. Also when opened. Also when not satisfied. We will take the product back or exchange it free of charge.

Cedis – Constancy pays off

You order care products out of our *Cedis* range.
We credit you loyalty points – automatically with every order.
You decide, when you want to trade them in and for what.
The number of points that will be credited to your account is listed next to every product.

With 500 points, you can trade in your points for any product from our *Cedis* range or the whole egger product range. Just inform us when you want to trade them in.

Our offer: Care for every level

For starting:

Care kits

Cleansing and Care kits are the ideal starters for a lasting costumer relationship. They complete your service for an extensive hearing consultation. The kits are multifunctional and can be adjusted to different target groups.

For lasting customer relations

Refill products

With your care program you create lasting customer relations. Enlarge your range with refill products for the successive demand. Profit from a regular additional business.

Spontaneous and flexible

Products for traveling and special offers

For fast care on vacation or in transit, or as give-aways for your special offers. We offer products in special kits.

For ultimate perfection

Products for professionals

Distinguish yourself as an innovative shop, with exceptional care products. Offer that special something.
Doing so improves your image as a competent specialist – not only in sales.

Cedis [my.name]

Your name as a brand: with *Cedis* [my.name]
Indicate your logo and company name on the whole care product range.
We make it possible. Creative, fast, easy (details from page 66).

Cedis SanDry 3in1
Drying, Cleaning with UV-C Light and Safe Keeping

The new generation of devices is a sensible completion to the *Cedis* cleansing products: For gentle drying, hygienic certainty and safe keeping of hearing systems. SanDry – it's easy to operate and easy to clean.

Cedis SanDry *Premium*
87495

5

- compact sanitization chamber for drying, cleaning with UV-C light and safe keeping
- operable via power supply unit + USB hook-up to computer (cable is included in delivery)
- electric heater for drying process
- selectable time program for drying process – depending on moisture build-up or humidity: 3 hours (regular) or 6 hours (intensive)
- automatic switch-off after drying process
- overheating protection
- 5-minute UV-C cleansing process
- disinfectant *Cedis* cleansing product (included)
- lid with magnetic lock
- long-life light source
- tension: 5 V power supply unit (100 to 240 V) or via USB-/mini USB cable on the computer (cable included in delivery)

Cedis SanDry *Eco*
87490

5

The ideal device when traveling
- compact sanitization chamber for drying, cleaning with UV-C light and safe keeping
- battery-powered – no power supply unit needed (3x LR03/AAA – included in delivery)
- drying achieved with *Cedis* drying capsules (4 pieces included in delivery)
- 5-minute UV-C cleansing process
- safety shut-off of UV-C light when device is opened
- disinfectant *Cedis* cleansing product (included)
- lid with magnetic lock

Cedis Dry Case for Hearing Systems, 12 V
87460

5

Drying and storing all in one! Electrical dry case – now with time control and automatic switch-off in power supply! For the fast and comfortable drying and storing of hearing aids and earmolds. Regular use contributes substantially to expanding the life expectancy of hearing aids – we recommend 3 hours per use. Maximum temperature of 50 °C (122 °F). Low electricity consumption of 1 W. With light-emitting diode during the drying process. Dry case is operated with a power supply unit (12 V) which is included. Can be used with mains voltage from 100 V up to 240 V!

Decoration not included.

With time control and automatic switch-off

Adapter Plug Set (US, UK, Australia) **874550**
For the power supply with time control for dry case / drying cushion ETK 3. A must-have when traveling.

Power supply unit not included.

***Cedis* Drying Cushion ETK 3,** 12 V **87485**
Electrical drying cushion for the fast and convenient drying of all types of hearing aids and earmolds. Now with time control and automatic switch-off in power supply. The built-in heated loop ensures a constant and effective drying temperature. Regular use contributes substantially to expanding the life expectancy of hearing aids – we recommend 3 hours per use. Incl. temperature control. The cloth cover is removable and washable at 30 °C (86 °F). Can be used with mains voltage from 100 V up to 240 V!

Decoration not included.

With time control and automatic switch-off

***Cedis* Cleansing and Drying Set for Slim Tubes and Open Fit Hearing Aids**
Open fit hearing aids require special cleansing and drying products. To this end, *Cedis* also offers the best solution:

The comprehensive care set, packed in an attractive transparent bag, for the cleaning and drying of open fit hearing aids. Suitable for all kinds of established slim tubes!

Standard **87416**
With the OtoFloss special cleansing threads your slim tubes will be dried effectively. Before this step, the cleansing tablets with active oxygen will provide an optimum cleaning. Drying capsules (with color indicator) and the drying container for the drying of hearing aids complete the set.

Contents: 8 cleansing tablets, 1 cleansing container with sieve, 10 OtoFloss mini special cleansing threads for slim tubes with Ø ≤ 0.9 mm, 4 drying capsules, 1 drying container

Also available as premium version!

Cleaning of open fittings made easy

Premium **87417**
The *Cedis* Care Set Premium with Dry Case:

In addition to the *Cedis* cleansing products, this set also contains the electrical dry case for the comfortable drying and storing of BTE hearing aids with slim tubes.

Contents: 1 *Cedis* dry case with power supply, 8 cleansing tablets, 1 cleansing container with sieve, 100 OtoFloss special cleansing threads for slim tubes with Ø ≤ 0.9 mm

Cedis Cleansing Set for BTE Earmolds — 87000

The bestseller providing the basic equipment for the cleaning of BTE earmolds! This cleansing set guarantees an optimum cleaning, using the special cleansing tablets with active oxygen. The air blower (with metal tip) cleans the sound tube effectively.

Contents: 8 cleansing tablets, 1 cleansing container with sieve, 1 air blower

Cedis Cleansing Set for BTE Earmolds in Travel Bag — 87001

(see page 60)

Cedis Kids Cleansing Set for BTE Earmolds — 87210

Designed for kids! With the well-known Cedilino mouse.

Contents: 8 cleansing tablets, 1 cleansing container with sieve, 1 air blower

Cedis Cleansing and Drying Set for BTE Earmolds and Hearing Aids — 87400

The all-rounder for cleaning BTE earmolds and drying hearing systems! Composition same as BTE cleansing set plus drying capsules (with color indicator) and drying container for the reliable drying of hearing systems over night.

Contents: 8 cleansing tablets, 1 cleansing container with sieve, 1 air blower, 4 drying capsules, 1 drying container

Cedis Cleansing and Drying Set for BTE earmolds and Hearing Aids in Travel Bag — 87401

(see page 60)

Cedis Kids Cleansing and Drying Set for BTE Hearing Aids and Earmolds — 87211

Designed for kids! With the well-known Cedilino mouse.

Contents: 8 cleansing tablets, 1 cleansing container with sieve, 1 air blower, 4 drying capsules, 1 drying container

Cedis Care Bag

87199

The *Cedis* care bag for the complete care of BTE hearing systems at a favorable price. High-quality travel bag equipped with *Cedis* cleansing products for BTE earmolds, with electrical dry case and *Cedis* skin care gel.

Contents:
8 cleansing tablets,
1 cleansing container with sieve,
1 AirPower spray with 35 ml,
1 *Cedis* electrical dry case with power supply,
5 *Cedis* single wipes,
1 *Cedis* gel

Decoration not included.

Including dry case with time control and automatic switch-off

Cedis Kids Cedilino Bag

87239

Designed for kids! With the well-known Cedilino mouse.
The Cedilino care bag at a favorable price for the perfect care of hearing systems – including a Diddl Mouse Magic Towel! The high-quality travel bag is equipped with *Cedis* Kids cleansing products for BTE earmolds, the *Cedis* Kids drying system, a battery tester and the listening tube for hearing systems.

Contents:
1 *Cedis* Kids cleansing container, 8 cleansing tablets, 1 air blower, 1 *Cedis* Kids drying container, 4 drying capsules, 1 battery tester, 1 listening tube for hearing systems, 1 user instruction, 1 Diddl Magic Towel

Cedis Cleansing and Drying Set for ITE with Spray

87002

The complete set for the cleaning and drying of ITE hearing systems!
Set with disinfectant cleansing spray with brush for a great cleaning even with persistent deposits. Includes drying capsules (with color indicator) and drying container for the reliable drying of hearing systems over night.

Contents: 1 cleansing spray (30 ml) with brush, 4 drying capsules,
1 drying container

Cedis Cleansing and Drying Set for ITE with Spray in a Travel Bag

87003

Cedis Cleansing and Drying Set for ITE with Wipe **87004**

The all-in-one set for the cleaning and drying of ITE hearing systems! The set contains disinfectant cleansing wipes in a practical pocket dispenser for fast and handy cleaning. Includes drying capsules (with color indicator) and drying container for the reliable drying of hearing systems over night.

Contents:
1 wipe dispenser (25 wipes), 4 drying capsules, 1 drying container

Cedis Cleansing and Drying Set for ITE with Wipe in Travel Bag **87007**

Cedis Travel Bag, black **87198**

Practical bag, made of high-quality material, with zipper for filling with hygiene products of your choice. The robust bag is also a practical companion when traveling. We are pleased to assemble the travel bags for you starting at a minimum order quantity of 100 bags.

Travelbag, black (neutral) **870220**

Travel bags with hygiene products of your choice

Sample

Cedis Drying Capsules

The established drying capsules (with color indicator) for the reliable and optimum drying of hearing systems over night.

Box with 4 Drying Capsules **87300**

Cedis Kids

Designed for kids! With the well-known Cedilino mouse.

Box with 4 Drying Capsules **87309**

And don't forget our matching and handy drying container:

Cedis Drying Container, 125 ml **87305**

For the drying of hearing aids with drying capsules.

Cedis Kids Drying Container, 125 ml **80255**

Designed for kids! With the well-known Cedilino mouse.

Cedis Drying Bag

The handy alternative to the drying container, e. g. when traveling!
Foldable drying bag with hook tape fastener. For use with drying capsules.

small, 150 mm x 110 mm — **80211**

large, 315 mm x 110 mm — **80210**
also suitable for the drying of hearing-aid glasses

Cedis Cleansing Tablets

Cleans reliably and removes persistent cerumen deposits from BTE earmolds. With active oxygen.

Box with 20 tablets — **87100**

Economy Pack with 30 tablets in vial — **87130**

Cedis Kids Cleansing Tablets

Designed for kids! With the well-known Cedilino mouse. — **87140**

Box with 20 tablets

And don't forget our matching and handy cleansing container with sieve:

Cedis Cleansing Container, 150 ml

For cleaning BTE earmolds with *Cedis* cleansing tablets. Sieve with integrated removal help! — **80200**

Container, incl. sieve and lid

Cedis Kids Cleansing Container, 150 ml

Designed for kids! With the well-known Cedilino mouse. — **80250**

Container, incl. sieve and lid

Cedis Cleansing Wipes

Moist wipes for quickly and effectively cleaning and disinfecting (bactericidal, fungicidal and hepatovirucidal effect) hearing aids and earmolds.
Reaction time: 1 minute

For retail sales:

Pocket Dispenser with 25 moist wipes **86801**

Refill Pack for pocket dispenser (25 wipes) **86804**

Single Wipes, 25 pieces **86802**

For retail sales and sales campaigns:

Box with 1000 single *Cedis* cleansing wipes **86805**

For our practical sales counter display please see page 120.

For use in the laboratory and shop:

NEW – Double Box with 40 moist and 40 dry wipes **87269**

Large Dispenser with 90 moist wipes **87200**

NEW – Refill pack, 90 pieces **87204**

Cedis Cleansing Spray and Foam

Ready-made for cleaning and disinfecting (bactericidal, fungicidal and hepatovirucidal effect) hearing aids and earmolds.
Reaction time: 1 minute. Propellant-free.

For retail sales:

NEW – Cleansing Spray mini, 8 ml, with microfiber cloth **86749**

Cleansing Spray with Brush, 30 ml **86701**

Cleansing Spray with Atomizer, 30 ml **86704**

Cleansing Spray Refill Bottle, 30 ml **86703**

NEW – Cleansing Foam, 50 ml **86780**

For use in the laboratory and shop:

Cleansing Spray with Atomizer, 100 ml **86700**

Cleansing Spray with Hand Spray Pump, 1 l **86770**

Cedis OtoFloss

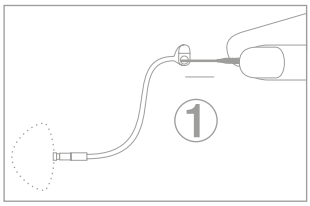
Special cleansing threads for sound tubes with different inner diameters, ideal for open fit hearing aids.

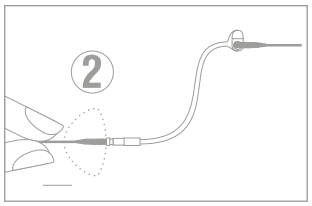
OtoFloss for inner diameter > 0.9 mm **78030**
Dispenser box with 30 threads

OtoFloss mini for inner diameter ≤ 0.9 mm

Dispenser Box with 100 pieces **78036**

Bag with 10 pieces **78039**





Care for open fit hearing aids now also available as small package

***Cedis* MultiTool** **78041**

Special tool with magnet for easy removal of batteries. The integrated brush and synthetic thread are ideal for removing persistent deposits in slim tubes.

Transparent pillow pack with 5 MultiTools

***Cedis* VentBrush**

Special brushes to clean sound canals and vents. Available in 2 different diameters.

Contents: 10 pieces

Ø 2.5 mm **78025**

Ø 5.0 mm **78026**

***Cedis* Air Blower,** blue with chrome-plated metal tip **82400**

Ergonomically shaped air blower with very slim chrome-plated metal tip for blowing out sound tubes and vents.

***Cedis* AirPower**

The comfortable alternative to the air blower! Air spray to blow out sound canal bores and ventings. With conical tip for easy handling.

Spray, 35 ml (for approx. 50 applications) **82551**

Box with 12 sprays **82554**

Spray, 100 ml (for approx. 150 applications) **82550**

Box with 12 sprays **82552**

Cedis Gel

Skin care gel with feel-good effect! The gel with Aloe Vera to prevent irritations. The gel is absorbed by the skin and eases insertion of the earmold. For best wearing comfort, use the gel before and after wearing the hearing system.

Tube with 5 ml **31880**

Sales Display with 30 tubes **31883**

Cedis Promotion Assistance

In order to support your sales activities, we can supply you with free information brochures for your customers.

Just ask for them!

Further presentation products from page 112

Cedis [my.name]

Your name as a brand – with your own care range

Brands create confidence and stand for individuality.
Use your good name as a brand name. We make it possible.

You act as competent system supplier.
You distinguish yourself from others.
With an own custom-made care range, that offers everything your customer needs.

With *Cedis* [my.name] you create confidence and lasting customer relations.

Attractive
Attract your customers' attention with your own design with *Cedis* [my.name]
and thus create a profitable additional business.

Individual
Your name as a brand – create your own reliable brand.

Flexible
Order the products according to your demand, with a minimum order quantity of only 50 pieces,
with short handling time.

***Cedis* [my.name] Eco**:
The favorably-priced starting program

Minimum order quantity: 50 pieces
Ideal for testing new products
No contractual commitments
No additional charges, but with sliding-scale prices
Attractive design
Packaging with basic information (contents, CE, etc.) in four languages:
German, English, French, Spanish
Including satisfaction guarantee

And this is how it works:

- Select products
- Select design
- Define color
- Send your logo to us

... and there it is: your professional care program with your own name.

For your individual order form, please contact us under: +49 831 5811360

***Cedis* [my.name] Standard**:

For customers with an existing care program

You are already successfully selling care products on the market.
You require individual products, adjusted to your company appearance.
You want high quality with flexibility.

Our offer: ***Cedis* [my.name] Standard**

- Custom-made boxes from 250 pieces
- No contractual commitments
- Stickers on or inlays in neutral boxes with personalized design

Please ask for your individual offer under: +49 831 5811360

***Cedis* [my.name] Premium:**

(Nearly) everything is possible.

You need care products in large numbers.
You want a personalized design, adjusted to existing products.
You wish to offer a different box size.
You intend to amplify your product range with products besides standard.

Our offer: ***Cedis* [my.name] Premium**

- Available with 1000 pieces
- Boxes are printed directly in all desired languages
- Free storing of products and packaging
- We will help you with the design

For detailed information, please contact us under: +49 831 5811360

Hygiene and Safety at the Workplace

Cedis Profi for professional hygiene management at the workplace. For the demanding hearing aid acoustician quality is the highest priority. Directly linked to this is hygiene at the highest level. A clean, healthy, germ-free work method is therefore of central importance of today's quality management. Protect yourself and your customer.

Hygiene – A Must

The risk of contracting dangerous or simply uncomfortable pathogens is increasing, especially for people working in medical or medical-related professions. Hearing aid acousticians are among these groups.

The only effective aid against this is professional hygiene, i. e.:
Infection prevention. Thus it is necessary to be able to recognize and correctly assess the dangers of infection.
Efficient prevention is subsequently guaranteed by adhering to

- organizational measures,
- cleaning,
- disinfecting.

Cedis Profi products offer a comprehensive and professional disinfection and hygiene program for the entire spectrum of hearing aid acoustics.

PREVENTIVE – EFFECTIVE – SAFE

Preparations for Cleaning Hands and Skin

Clean hands are a must for every hearing aid acoustician. Only then a customer will feel comfortable. Only then a transfer of germs can be safely avoided.

Consequent hand hygiene includes:

- removal of all relevant pathogenic germs,
- an optimal skin-compatible cleaning,
- regular care.

Preparations for Disinfecting Tools, Instruments and Earmolds

Regularly disinfecting and cleaning all tools, instruments and earmolds used in daily operation is essential. Objects contaminated by dirt, body fat and pathogenic germs may lead at worst to the transfer of dangerous micro-organisms. The consequent use of highly effective preparations protects you and your customer.

Preparations for Disinfecting Surfaces

All surfaces of your working environment must be disinfected and cleaned regularly. Only then a germ transfer from the work environment to instruments and ultimately to people can be avoided. Only consequent hygiene in all areas provides comprehensive protection.

Professional Systematic Hygiene

Hygiene is not reserved for only a special few. All employees must make sure that the entire working environment is kept clean. Our hygiene plan provides clarity about the necessary steps. The plan (size: DIN A3) includes a summary of the different applications and suitable products, free of charge and for hanging in your shop.

What	When	How	Product / Dosage / Exposure Time
Hands	before/after each customer or hearing aid contact when necessary / after finishing work	Removing of relevant pathogenic germs by rubbing with antimicrobial gel. Also for use without water and towel. Rub in for skin care.	*Cedis* Profi ANTISEPT Rub 3 ml for 30 seconds *Cedis* Profi CARE
Hearing Aid	before/after each service	Spray with cleansing disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time. Wipe with cleansing disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time.	*Cedis* cleansing spray 1 minute exposure time *Cedis* cleansing wipes 1 minute exposure time
Earmold	before/after each service	Disinfecting or cleaning in the immersion- or ultrasonic bath, then dry thoroughly with a moisture absorbing cloth after exposure time.	*Cedis* Profi UltraActiv 7.5 %/1 minute exposure time
Impression	after impression taking	Wipe with cleansing disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time.	*Cedis* cleansing wipes 1 minute exposure time
Tools / Medical Instruments	after each application	Spray with cleansing disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time. Wipe with cleansing disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time. Disinfecting or cleaning in the immersion- or ultrasonic bath, then dry thoroughly with a moisture absorbing cloth after exposure time.	*Cedis* cleansing spray 1 minute exposure time *Cedis* cleansing wipes 1 minute exposure time *Cedis* Profi UltraActiv 7.5 %/1 minute exposure time
Workplace / Medical Devices	on visible contamination / after finishing work	Wipe with cleansing disinfectant, dry off after exposure time.	*Cedis* Profi SURFACE 5 minutes exposure time
Earphones	after each application	Wipe with cleansing disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time.	*Cedis* cleansing wipes 1 minute exposure time
Otoscope Funnel	after each application	Disinfecting or cleaning in the immersion- or ultrasonic bath, then dry thoroughly with a moisture absorbing cloth after exposure time.	*Cedis* Profi UltraActiv 7.5 %/1 minute exposure time

With the egger hygiene plan you will find everything you need to know at a glance:
- What do I need to do?
- Which product do I need to use?
- How do I use it?

The products are easy to use due to a perfectly matching system.

Cedis Profi offers

- everything from one source,
- sliding-scale prices,
- favorably-priced starter sets.

Examined and tested. For your safety.

Cedis Profi UVC Clean — 86256

For a clean and healthy work procedure in the acoustician shop

A professional device for quick and thorough cleansing of hearing systems and earmolds by using UV-C light. In completion to the ultrasonic device, the *Cedis* Profi UVC Clean offers optimum protection against germs. The device comes with an appealing design and is easy to operate. The use of aggressive chemicals is not necessary.

Thanks to the metalized interior, the UV-C light will penetrate even hard-to-reach areas. The greatest possible effectiveness is achieved after only a few minutes following radiation. The operating time can be pre-set to either 3 or 5 minutes. After the cycle is complete, the device will shut off automatically.

Cleaning the device's interior is completely simple: Wipe clean daily with merely a *Cedis* cleansing wipe (disinfecting).

Cedis Profi ANTISEPT

Gel for sanitizing hands. Effective against bacteria and fungi. Mild, alcohol-based gel with fast reaction time (30 sec.) No water or towel needed.

500 ml Bottle with Portioning Pump (3 ml / stroke) — **86206**

Cedis Profi ANTISEPT Wall Dispenser — 862062

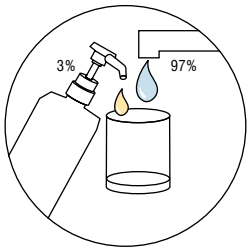
Practical, wall-mounted dispenser with refillable, 250 ml glass container (gel not included) for *Cedis* Profi ANTISEPT. Pump stroke adjustable from 1 – 5 ml.

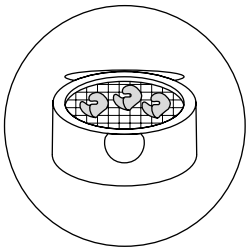
500 ml Refill Bottle — **862061**

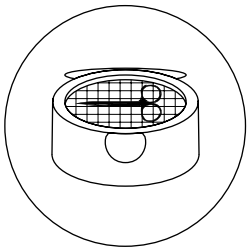
Cedis Profi UltraActiv

Concentrate for disinfecting and cleaning earmolds and instruments, free of phenol and aldehyde, effective against bacteria, fungi, HBV and HIV viruses. For use in ultrasonic devices. The 7.5 % solution is fully effective after a 1-minute reaction time.

500 ml Bottle with Portioning Pump — **86208**
2 l Bottle — **862081**







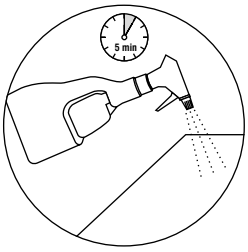
For ultrasonic cleansing devices, please see page 188.

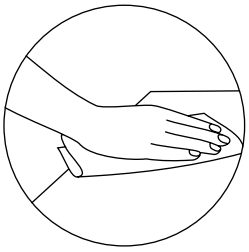
***Cedis* Profi CARE,** 500 ml, bottle with portioning pump **86207**

Lotion for the cosmetic hand and skin care. Apply after using *Cedis* Profi ANTISEPT. Lotion absorbs quickly, is non-greasy and smells pleasantly.

***Cedis* Profi SURFACE,** dosing bottle with 120 ml concentrate **86209**

Alcohol-free, long-term active concentrate for disinfecting and cleaning surfaces of medical products, devices and workbenches. With *Cedis* Profi SURFACE you will achieve an antimicrobial clean that lasts up to 10 days! Reaction time: 5 minutes. Effective against bacteria, fungi, viruses, including hepatitis B and C, influenza, H5N1, H1N1, rotavirus and adenovirus. Free of formaldehyde and phenol. Pleasant smell. The special dosing bottle guarantees easy and accurate mixing of the cleansing concentrate with water. Produces 3.75 l ready-to-use cleansing solution.





***Cedis* Profi Starter Kits**

Be on the safe side from the very beginning! Favorably-priced complete packages of *Cedis* Profi products for a professional hygiene management at work. Including a poster-sized hygiene plan (DIN A3) for displaying in the shop.

***Cedis* Profi Starter Kit Slim** **862502**

Contents:

Cedis Profi ANTISEPT, 500 ml with portioning pump
Cedis Profi CARE, 500 ml with portioning pump
Cedis Profi SURFACE, dosing bottle with 120 ml of concentrate
Cedis Profi UltraActiv, 500 ml with portioning pump
50 ml glass for ultrasonic device, 10 pieces
100 ml measuring beaker
Hygiene plan, DIN A 3

***Cedis* Profi Starter Kit Advanced** **862512**

Same composition as Starter Kit Slim, yet with practical wall-mounted dispenser for *Cedis* Profi ANTISEPT.

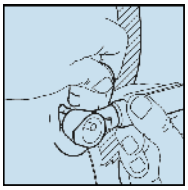
All beginnings are easy

Impression Technique

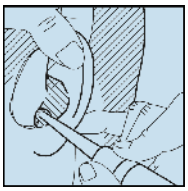
A precise ear impression is the prerequisite for a perfectly fitting earmold. The higher the quality of the impression material and suitable special tools, the easier, more comfortable and more successful the impression-taking process for the customer. egger impression technique offers all the suitable necessities: the tools, the material. For every step of the process.

Description of Process

The following diagram is to provide an overview of the impression-taking process – the basis for a perfectly designed earmold.



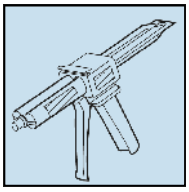
Examining the ear
Irregularities in the ear or auditory canal area can be detected with the otoscope.
(Otoscopes from page 78)



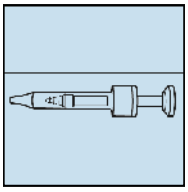
Preparing the ear
- depilating the auditory canal area
- creaming the auditory canal area if necessary
- inserting the impression pad

Automix Cartridge System
(from page 85)

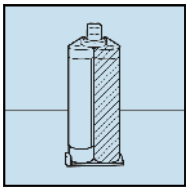
Kneadable Impression Materials Manual mixing
(from page 88)



Impression taking with inject pistol

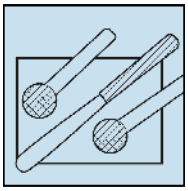


Impression taking with impression syringe

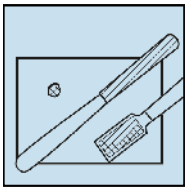


Cartridge

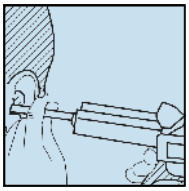
No mixing or dosing necessary



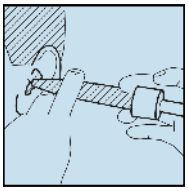
Mixing with A-type silicones to a ratio of 1:1



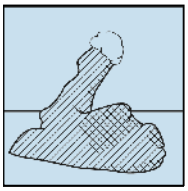
Mixing with C-type silicones to a ratio of 25:1



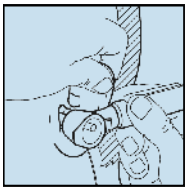
Impression taking
Please take care that the inject pistol is safely supported



Impression taking
Please take care that the impression syringe is safely supported



Demolding
The impression length should also show the second bend of the auditory canal part. Every area of the impression should be reproduced accurately.



Check
A gentle impression taking is the result of using egger impression materials. The final check with the otoscope is still necessary.

The egger Impression Materials

Material characteristics, the impression-taking method and, last but not least, personal preferences influence the procedure of impressing an ear. We are pleased to advise and support you in finding an individualized solution for your demands. Choose the right impression material.

We provide you the opportunities to decide on:

1. The type of processing: - with the impression syringe or the injection pistol

2. The dosage: - addition-vulcanizing egger impression materials with a mixing ratio of 1:1
(kneadable materials only)
- condensation-vulcanizing egger impression materials with hardening pastes

3. The flowability: - the lower the viscosity the higher the flowability

4. The final degree of hardness: - the higher the shore value the harder the impression, measured after 1 hour of hardening

Material	Colors	Smoothness Consistency	Flowability low – high	Final degree of hardness in shore A after 1 h	Impression taking with Inject pistol	Injector S 50	Electric injector
Addition-vulcanizing (1:1), material in cartridges Impression taking with inject pistol / Injector S 50							
egger A/soft	○ ●	soft		35	X		X
egger A/soft S 50						X	X
egger A/ITE	○ ●	very soft		34	X		X
egger A/ITE S 50						X	X
egger A/II S 50 from page 85	● ●	normal		40		X	X
Addition-vulcanizing (1:1), kneadable Impression taking with impression syringe					**Impression taking with syringe**		
egger A	○ ●	normal		36			
egger A/I	○ ●	very soft		26			
egger A/II from page 88	○ ●	soft		40			
Condensation-vulcanizing with hardener, kneadable Impression with impression syringe					**Impression taking with syringe**		
egger C	●	normal		40			
egger C/I	○	soft		23			
egger C/II from page 88	●	very soft		25			

NEW – MD SCOPE® – Experience the Video Otoscope

No matter where this ergonomically designed, hand-held device appears, a glance at the auditory canal will be an experience. The integrated 2.4" LCD screen and low battery consumption make the video otoscope a portable und convenient device to use in the fitting room, service area, during home visits, health exhibitions, etc. With daylight-like illumination of the viewing area, the high-quality miniature camera provides a fascinating view into the auditory canal or onto the eardrum. Thanks to the auto focus, taking high-resolution snapshots is as easy as pressing a button. With an USB Image Dongle (available separately) video recordings and snapshots can be stored directly to a computer.

The otoscope with a removable camera module is equipped with a protective cover for the camera, a starter funnel set, 2 AA batteries for up to 24 hours of continuous operation, a video cable, user instructions, a warranty card and a high-quality carrying bag.

MD SCOPE® Video Otoscope, without USB Dongle	**26630**
Set MD SCOPE® Video Otoscope, with USB Dongle	**26633**
USB Image Dongle	**26631**

Spare Parts for MD SCOPE® Video Otoscope:

Disposable Funnel, 50 pieces	**266320**

reddot design award
winner 2011

Heine Mini 3000 Otoscopes

Robust and durable pocket light of a compact and up-to-date design with a chrome-plated cap. Delivers bright, concentrated light due to a new XHL (Xenon halogen Lenses) lamp. Pivotable viewing window with 3X magnification. Comes with holder clip and integrated on/off button. The high-quality, ergonomically shaped handle casing, made of chrome alloy and enhanced plastic, is characterized by its impact resistance, sturdiness and non-slip surface. Interchangeable dry, AA batteries included.

Comes with 4 reusable funnels (of 2.4 / 3.0 / 4.0 / 5.0 mm) and 5 disposable funnels with a diameter of 2.5 and 4 mm respectively:

black	**26602**
blue	**26603**
with Hard Shell Case	
black	**26606**
blue	**26607**

Direct illumination with XHL lamp

Spot on!

Spare Parts for Heine Mini Otoscopes from the Series 2000 and 3000

for Heine mini 3000

Otoscope Attachment	
black	**26613**
blue	**26614**
Screw-On Top	
black	**26615**
blue	**26616**

Spare Bulb XHL Xenon Halogen	**26608**

for Heine mini 2000 (also available in the colors: blue and green)

Screw-On Top	
black	**26701**

Spare Bulb halogen	**27300**

Spare parts and accessories:

Spare Bulb 2.5 V halogen for FO-otoscope	**27400**
Spare Bulb 2.5 V halogen for ear light	**26600**
Acrylic Tip for ear light	**26912**
Screw-On Top for rechargeable handle	**26618**
Spare Rechargeable Battery 2.5 V	**27001**
Otoscope Attachment Alpha FO	**27010**

Stand for Heine otoscope / ear light **26625**

Tidy and always at one's fingertips. With included inserts for use with various Heine otoscopes.

Otoscope not included

Reusable Funnels, black

Suitable for Heine otoscopes (mini 2000 and 3000) and KaWe otoscopes (Piccolight® C and Piccolight® F.O. LED).

Set incl. 4 funnels with a diameter of 2.4 / 3.0 / 4.0 / 5.0 mm	**28000**
Singles:	
Ø 2.4 mm	**28001**
Ø 3.0 mm	**28002**
Ø 4.0 mm	**28003**
Ø 5.0 mm	**28004**

Disposable Funnel, grey

Suitable for Heine otoscopes (mini 2000 and 3000) and KaWe otoscopes (Piccolight® C and Piccolight® F.O. LED).

Contents: 50 pieces

Ø 2.5 mm	**27100**
Ø 4.0 mm	**27101**

Disposable Funnel Dispenser **27102**

A new tip for every customer. The right size, visible and easy to take out. Holds 4 rows with 45 pieces each. Every dispenser is equipped with 45 funnels of 2.5 mm and 4.0 mm in diameter respectively.

Dimensions: H 20 x W 14 x D 4 cm

NEW – KaWe Piccolight® C

Robust workmanship. Reliable operation. Unbelievably attractive cost-performance-ratio. Solid features: Pivotable magnifying glass (with 3X magnification), vacuum lamp ensuring bright illumination (2.5 V, illumination performance of 7,000 Lux), battery handle for 2 AA batteries (included in delivery), metal clip, 2 x 10 disposable funnels (2.5 and 4 mm), practical carrying bag. Piccolight C is compatible with the funnels from egger's product range.

black **26005**

Standard illumination with vacuum lamp

Spare parts:

Spare Vacuum Bulb 2.5 V for Piccolight® C otoscope **26006**

©KaWe

NEW – KaWe Piccolight® F.O. LED

It is possible: A sensationally well manufactured, impact-resistant, energy-efficient otoscope with LED lighting technology at a fantastic cost-performance-ratio! Fiber optic for an unblocked view, illumination performance of 8,000 Lux and a life span of approx. 100,000 hours – these characteristics speak for themselves. The 2.5 V LED lamp is positioned outside of the viewing area. The battery handle with metal clip holds 2 AA batteries (included in delivery). Piccolight F.O. LED is compatible with the funnels from egger's product range. Also included in delivery are 2 x 10 disposable funnels (2.5 and 4 mm) and a practical carrying bag.

black **26003**

Fiber optic (FO) with LED lamp

Spare parts:

Spare Bulb 2.5 V LED for Piccolight® F.O. LED otoscope **26004**

©KaWe

Reusable Funnels, black

Suitable for Riester pen-scope otoscope.

Set incl. 5 funnels with a diameter of 2.0 / 2.5 / 3.0 / 4.0 / 5.0 mm	**26776**
Singles:	
Ø 2.0 mm	**26771**
Ø 2.5 mm	**26772**
Ø 3.0 mm	**26773**
Ø 4.0 mm	**26774**
Ø 5.0 mm	**26775**

Spare Lamps for Riester Pen-Scope Otoscope

for new model with direct illumination (lamp visible in field of view)

2.7 V	**26765**
2.5 V halogen	**26767**

for the predecessor model pen-scope in FO design
(lamp not visible in field of view)

2.7 V	**26755**

Heine Ear Light with Acrylic Tip

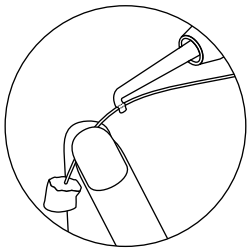
For placing the impression pad in the auditory canal. With Xenon Halogen Technology. Robust, durable lamp with a bright, concentrated light thanks to the lens-lamp. Battery-operated (interchangeable dry cell-type, AAA batteries are included).

black	**26610**
blue	**26621**

Ear Light for Vented Ear Impression Taking

For placing a vented impression pad in the auditory canal. The vent tube from the impression pad is inserted into the special positioning tip and can then be placed far down in the auditory canal without any difficulties. With Xenon Halogen Technology. Robust, durable lamp with a bright, concentrated light thanks to the lens-lamp. Battery-operated (interchangeable dry cell-type, AAA batteries are included).

black	**26612**
blue	**26622**



Spare Parts and Accessories for Heine Ear Lights

for new model

Spare Bulb XHL Xenon Halogen	**26601**
Acrylic Tip for ear light	**26914**
Acrylic Tip for vented impression taking	**26916**

available for predecessor model (until fall 2007)

Spare Bulb halogen	**26600**
Acrylic Tip for ear light	**26901**
Acrylic Tip for vented impression taking	**26909**

Impression Pads

The impression pad protects the eardrum during impression taking. Using the ear light and bayonet tweezers, it is placed in the auditory canal before impressing the ear. Every pad is equipped with a safety thread. The impression pads are available in different sizes, shapes and materials:

Impression Pads (Elastic Foam)

with safety thread

Contents: 100 pieces

Conical, pink Length approx. 1.2 cm Max. diameter approx. 1.2 cm	**27800**
Cylindrical, white Length approx. 1.0 cm Max. diameter approx. 1.0 cm	**27804**

Impression Pads (Cotton)

Contents: 50 pieces

Small, with blue safety thread **27813**
Diameter approx. 0.65 cm

Medium, with white safety thread **27814**
Diameter approx. 0.75 cm

Large, with red safety thread **27815**
Diameter approx. 0.85 cm

Impression Pads Slim (Elastic Foam)

Suited especially for CIC impressions, equipped with safety thread.

Contents: 50 pieces

Small, grey **27810**
Length approx. 0.5 cm
Max. diameter approx. 0.95 cm

Medium, white **27811**
Length ca. 0.5 cm
Max. diameter approx. 1.1 cm

Large, blue **27812**
Length ca. 0.5 cm
Max. diameter approx. 1.25 cm

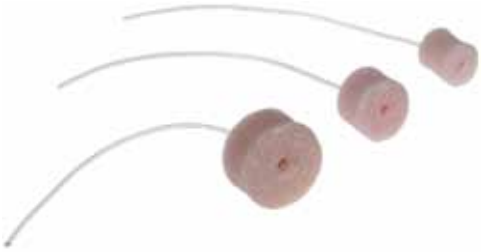
Vented Impression Pads (Elastic Foam)

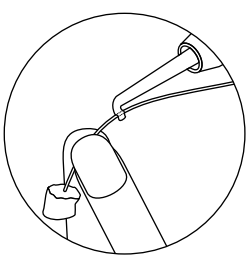
The safety thread of these pads is a tube so that air can pass through to the auditory canal during impression taking. Pressure differences are compensated and impressing the ear becomes much more comfortable for the customer. We can also offer you a matching ear light (REF 26612) with a special positioning tip for attaching the pad and then placing it deeply in the auditory canal without difficulties.

Small, 24 pieces **27820**
Length approx. 0.6 cm
Max. diameter approx. 0.6 cm

Medium, 24 pieces **27821**
Length approx. 0.8 cm
Max. diameter approx. 1.0 cm

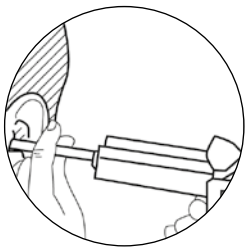
Large, 16 pieces **27822**
Length approx. 0.7 cm
Max. diameter approx. 1.2 cm





Addition-Vulcanizing Impression Materials in Automix Cartridge System

The Automix cartridge system offers a safe, hygienic and mess-free application method because manual mixing is no longer necessary. With this system you will more easily fulfill the workplace hygiene regulations that have become legally binding in many countries. Another advantage is the fact that the material is always ready for use, thus enabling you to always concentrate on your customer. egger can offer you three different types of impression materials in the cartridge systems standard and/or S 50 .



egger A/soft

Silicone impression material in double cartridges with an extremely easy flow and a high degree of form stability, non-sticky and smooth. Consisting of 2 components: white and blue.

Packaging unit: 8 double cartridges with 2 x 25 ml each, sufficient for approx. 40 impressions

Please note our sliding-scale prices!

Final degree of hardness: 35 shore A

in standard cartridge **20600**

in S 50 cartridge **20617**

The all-rounder

egger A/ITE

Silicone impression material in double cartridges with a very soft consistency, an extremely easy flow and a high degree of form stability. Impression taking with minimum pressure possible, especially suited for CIC impressions and those of small ear canals. Consisting of 2 components: white and pink.

Packaging unit: 8 double cartridges, each containing 2 x 25 ml, sufficient for approx. 40 impressions

Please note our sliding-scale prices!

Final degree of hardness: 34 shore A

in standard cartridge **20604**

in S 50 cartridge **20608**

egger A/II S 50

Silicone impression material in S 50 double cartridges of soft, slightly pressure-forming consistency. Due to its high viscosity, the material is characterized by impression exactitude, tensile strength and form stability. Consisting of 2 components: red and red.

Packaging unit: 8 double cartridges with 2 x 25 ml each, sufficient for approx. 40 impressions

Please note our sliding-scale prices!

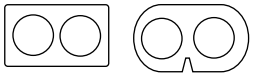
Final degree of hardness: 40 shore A

in S 50 cartridge **23707**

NEW – Electric Injector

25130

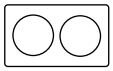
Electrically and effortlessly operated injector for dispensing the impression material from double cartridges. The acceleration speed and the dispensed amount of material stay consistent; however, they can also be adjusted to suit situational needs. Suitable for the standard and the S 50 cartridge thanks to an adapter (included).



Inject Pistol

25100

For inserting standard double cartridges for impression taking. By using the inject pistol, the impression material (egger A/soft, egger A/ITE) can be delivered to the ear while applying the same steady pressure. Range-reduction spacer for small hands included.



Injector S 50

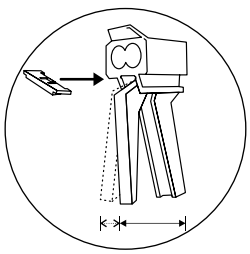
25150

Inject pistol for using silicone impression material in S 50 double cartridges (e. g. egger A/soft, egger A/ITE, egger A/II). Range-reduction spacer for small hands included.

Spacer for Inject Pistol and Injector S 50

25156

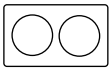
Range-reduction spacer for small hands.



Mixing Canulas, standard

Attachment for standard double cartridges for automatic mixing of the impression material.

Inner diameter (tip): 4.8 mm
Diameter (total): 6.75 mm



50 pieces	**61403**
100 pieces	**61402**

Mixing Canulas Slim, 50 pieces

61420

Mixing canulas with a small diameter for standard double cartridges. Therefore ideally suited for impression taking of small auditory canals (e.g. for a child's fitting). Saves up to 50% of material. No additional attachments necessary. Can also be used for applying silicone cold-curing materials to negative molds during the indirect technique.

Inner diameter (tip): 1.2 mm
Diameter of syringe (total): 4.75 mm

Mixing Canulas S 50 for egger A/soft and egger A/ITE

Attachment for double cartridges S 50 for automatic mixing of impression material.

yellow
Inner diameter (tip): 3.65 mm
Diameter (total): 5.7 mm

40 pieces	**25160**
100 pieces	**25161**

pink
Inner diameter (tip): 4.8 mm
Diameter (total): 6.75 mm

40 pieces	**25151**
100 pieces	**25152**

Mixing Canulas S 50 for egger A/II

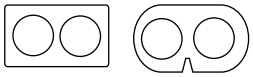
Attachment for double cartridges S 50 for automatic mixing of impression material.

green
Inner diameter (tip): 4.8 mm
Diameter (total): 8.0 mm

40 pieces	**25154**
100 pieces	**25155**

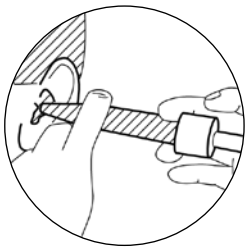
Tips for Canulas, 50 pieces
Attachment for mixing canula to facilitate the impression taking of very narrow auditory canals. Suitable for the standard mixing canula and S 50 mixing canula (green and pink).

Inner diameter (tip): approx. 1.0 mm
Diameter (total): approx. 2.0–3.0 mm
Length: 16 mm



25200

Kneadable Impression Materials



The traditional system. After mixing the material beforehand, it is injected with the egger impression syringe with double piston. To this end, egger can offer you addition-vulcanizing materials. Mixing is done in a 1:1 ratio. The materials are basically shrink-proof. Alternatively, you can also decide on a condensation-vulcanizing material. Its base material is mixed with 3 % of hardener.

egger A

Addition-vulcanizing silicone impression material of slightly pressure-forming consistency, high stability, impression exactitude, tensile strength and form stability. Consisting of 2 components: white and blue.
Final degree of hardness: approx. 36 shore A

2 x 700 g
Sufficient for approx. 100 impressions
Please note our sliding-scale prices!

23301

egger A/I

Addition-vulcanizing silicone impression material with a very soft, slightly pressure-forming consistency and an extremely smooth texture for highly precise and detailed impressions. Consisting of 2 components: white and green.
Final degree of hardness: approx. 26 shore A.

2 x 660 g
Sufficient for approx. 100 impressions
Please note our sliding-scale prices!

23100

egger A/II

Addition-vulcanizing silicone impression material of soft, slightly pressure-forming consistency, high impression exactitude, tensile strength and form stability. Consisting of 2 components: white and red.
Final degree of hardness: approx. 40 shore A

2 x 700 g
Sufficient for approx. 100 impressions
Please note our sliding-scale prices!

23700

Another all-rounder

Measuring Spoon for A-Type Silicones, **23500**
1 pair (Spoons: 1 white, 1 blue)
With a volume of 5 ml each, the spoons are adjusted to the material requirements for most ear impressions.

egger C **20200**
Condensation-vulcanizing silicone impression material incl. hardener with slightly pressure-forming, smooth consistency and an optimum material flowability plus an exact impression precision.
Color: red with blue hardener
Final degree of hardness: approx. 40 shore A

Basis 660 g + hardener 25 g
Sufficient for approx. 60 impressions

Please note our sliding-scale prices!

Hardener also available individually if needed.

Tube, 25 g **22200**

egger C/I **20305**
Condensation-vulcanizing silicone impression material incl. hardener of slightly pressure-forming, smooth and easy-to-work consistency.
Color: white with blue hardener
Final degree of hardness: approx. 23 shore A

Basis 600 g + hardener 20 g
Sufficient for approx. 55 impressions

Please note our sliding-scale prices!

Hardener also available individually if needed.

Tube, 20 g **22222**

egger C/II **20500**
Condensation-vulcanizing silicone impression material incl. hardener of slightly pressure-forming, extremely smooth and non-sticky consistency for manufacturing very elastic and tensile ear impressions.
Color: yellow with blue hardener
Final degree of hardness: approx. 25 shore A

Basis 660 g + hardener 25 g
Sufficient for approx. 55 impressions

Please note our sliding-scale prices!

Hardener also available individually if needed.

Tube, 25 g **22100**

Measuring Spoon for C-Type Silicone (measuring unit 10 ml) **20505**
Volume of 10 ml covers the material requirement for most ear impressions.

egger Impression Syringe

Double piston impression syringe with transparent cylinder allows even delivery of silicone impression material into the ear, easily refillable. The transparent cylinder makes the injection procedure visible and controlable. Available with the following diameters:

Ø 3 mm for small auditory canals + CIC impressions	**25503**
Ø 4 mm standard	**25500**
Ø 5 mm for large auditory canals + highly viscous impression materials	**25505**

Spare Cylinder	
Ø 3 mm	**25603**
Ø 4 mm	**25600**
Ø 5 mm	**25605**
Spare Piston, blue	**25601**

egger Impression Syringe, short version

Ideally suited for small hands. Available with the following diameters:

Ø 3 mm	**27440**
Ø 4 mm	**27450**

Useful Accessories for Impression Taking

Mixing Spatula — 26400

Robust mixing spatula with wooden handle for mixing silicone impression material.

Mixing Slab — 27600

Synthetic material, 10.5 x 15 cm

Bayonet Tweezers — 45200

For positioning the impression pad in front of the auditory canal.

Impression Tweezers — 45630

With round tips for safe positioning of impression pads, with sliding clasp lock mechanism.

Scissors, round tip **45900**
For removing hairs in the ear.

Ear Canal Hair Trimmer, electrical **24200**
For safe depilation of the auditory canal area. Battery-operated (type LR6 - 1.5 V batteries included).

Bite Block **78021**
Supports impression taking of the ear for manufacturing highly sealing earmolds. In particular when high transmission gain is needed or in cases of acoustic feedback while chewing.

Clear Former, Impression Film
Prevents the impression material from flowing out of the ear during impression taking. Ideally suited for low-viscosity impression materials. Comes in smart ear design. For professional and mess-free impression taking. 2 x 10 pieces left (blue) and right (red).

2 x 10 pieces **25610**
2 x 100 pieces **25611**

Practice Ear, transparent
For demonstrating and practicing impression taking.

left **27980**
right **27981**

Hearing Aid Accessories / Service and Repairs

Practical, useful, safe – here you will find everything to make life easier. The smart supplement for your high-quality hearing aid program. Professional service creates satisfied customers. Exact executed repairs on hearing aids and earmolds increase the competence of the hearing aid acoustician. Tried-and-true auxiliary materials and tools enable you to execute repairs and provide service competently and quickly. This facilitates your day-to-day operations. This strengthens customer relations.

Hearing Aid Accessories 94 - 95
Service and Repairs 96 - 105

Practical and Useful Accessories

Anything and everything of use for your customer having to do with hearing aids and hearing protection. A great range of accessories helps make daily life easier for wearers. This strengthens the relationship between customer and hearing aid specialist.

Battery Tester

31299

Small and easy-to-handle battery tester to determine how much power is left in your hearing aid battery. The LCD digital display will quickly indicate the current power level with an ascending bar. Applicable for all common hearing aid battery sizes (675, 13, 312, 10) With battery drawer and chain for attaching to key ring. Delivery in retail pack.

Hucki-Holder

Easy and practical solution for holding the BTE hearing aid in place behind the ear and protecting it from falling down. The holding tube can be individually adjusted to the size of the ear.

Hucki-Holder

pink-transparent (1 piece)	**97500**
flesh-colored (1 piece)	**97502**

Hucki-Tube

pink-transparent (50 cm)	**97508**
flesh-colored (50 cm)	**97506**

Hucki-Connecting Tips, 10 pieces **97509**

Super Seals Protective Covers

Flexible latex cover to protect BTE hearing aids from moisture and dirt. Super seals are used with a special expander, which is included in delivery.

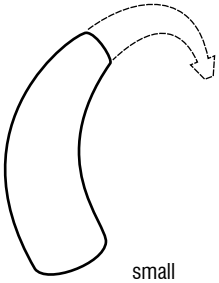
Available in the following colors and sizes:

Color	Size	Super Seals Set Includes 12 Super Seals and expander	Refill package with 12 Super Seals
beige	small	**97613**	**97607**
	medium	**97614**	**97608**
	large	**97615**	**97609**
transparent	small	**97622**	**97643**
	medium	**97623**	**97644**
	large	**97624**	**97645**

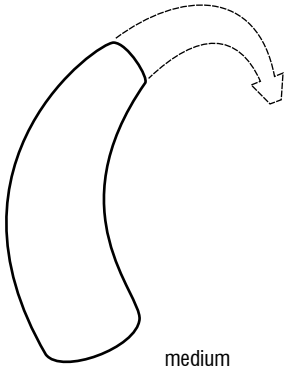
Expander for Super Seals **97606**

Size Chart for Super Seals

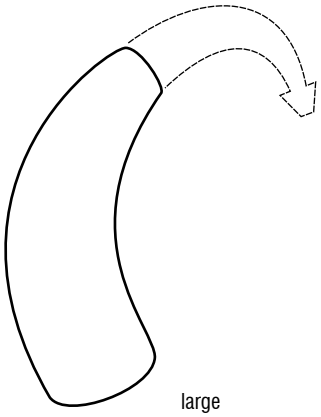
Place the hearing aid on the chart to determine the correct Super Seals size.



small



medium



large

For Competent Hearing Aid Acousticians

Competence – also conveyed through spontaneity. Special tools for hearing aid acousticians make professional service and on-the-spot repairs possible. Thus keeping customers satisfied.

egger Service and Repair Kit EL 3, 230 V **31211**

The proven egger service and repair kit EL 3 is suitable for universal use in the acoustician shop, for home visits and in the laboratory. Services and repairs like

- glazing with anti-bacterial effect
- anti-slip coating
- repairs and modifications of earmolds

can now be done on the spot – quickly and efficiently. So you will increase your independence and offer your customer the best possible service.

Everything for the service expert

Scope of delivery:

UV-Curing Unit egger EL 3 (230 V)	51300
Turning Motor, battery-operated	89300
LP/H Modeling Paste	
transparent	30800
beige	31000
red	29610
blue	29615
LP/H Lacquer antibac, 50 ml	30621
LP/W Lacquer, 50 ml	30700
Surface Cleaner, 250 ml with	31600
Hand Spray Pump	86732
LP-Cleaner, 100 ml	31301
Jar, transparent	52800
Modeling Instrument	31215
Nylon Tube as Lacquering Aid	97200
Digital Timer	68601
Uniglue Instant Adhesive	39501
5 Dosing Tips, small (for Uniglue)	39505
5 Dosing Tips, large (for Uniglue)	39504
10 Sound Tubes 2.0 x 3.1 mm, pre-bent	95100

Bonus: complementary DVD with instruction videos

Also available in 110 V **31212**

egger Service and Repair Kit EL 3 also available with:

Electrical Turning Motor, 230 V with Plug for Mains Supply (REF 89400) instead of battery-operated device (REF 89300) **31213**

The set's contents can also be ordered separately.

egger Lacquers – The Best Choice for Every Application!

Lacquers – Glaze and Protection

UV-Curing Lacquers

- Ready-to-use one-component lacquers
- Curing complete within 1 – 7 minutes (depending on the light-curing unit used)
- Earmolds can be dipped or brushed
- Post-curing of the soft lacquer in LP-Cleaner bath or under inert gas (N_2)

	Suitable for earmolds of	Characteristics	Units	REF
LP/H Lacquer	- **hard UV-polymerizate** - **hard acrylic**	For a homogeneous, scratch-resistant, transparent surface (glazing)	in glass bottle with brush: 20 ml 50 ml in aluminum bottle: 100 ml 250 ml 500 ml 1000 ml	 30603 30600 30601 30602 30605 30609
LP/H Lacquer antibac	- **hard UV-polymerizate** - **hard acrylic**	For a homogeneous, scratch-resistant, transparent surface (glazing), **with long-lasting, antibacterial effect**	in glass bottle with brush: 50 ml in aluminum bottle: 100 ml 500 ml	 30621 30622 30624
LP/W Lacquer	- **soft UV-polymerizate** - **soft acrylic**	Seals the surface and can be used as adhesive coating	in glass bottle with brush: 20 ml 50 ml in aluminum bottle: 100 ml 250 ml	 30703 30700 30701 30702

Air-Drying Silicone Lacquers

- Ready-to-use one-component lacquers
- Earmolds / impressions can be dipped or brushed
- Lasting coatings with good adhesion

	Suitable	Characteristics	Units	REF
Lacquer L	**for earmolds of silicone (hot- and cold-curing) or as coating for impressions***	High-gloss sealing of the surface with leveling effect. Curing at room temperature within 15 – 20 minutes. (*Separating effect on impressions – not suitable for negative molds of duplicating silicone.)	in glass bottle with brush: 20 ml 50 ml in aluminum bottle: 100 ml 250 ml 500 ml 1000 ml	 37505 37500 37501 37502 37503 37506
Lacquer L Nano	**for earmolds of silicone (hot- and cold-curing)**	High-gloss sealing of the surface with **antibacterial effect** due to nano silver. Leveling effect. Curing at room temperature over night or at 80 °C (176 °F) within 20 minutes.	in glass bottle with brush: 20 ml 50 ml in aluminum bottle 100 ml 500 ml	 37515 37510 37511 37512

Hot-Curing Silicone Lacquer

- Ready-to-use one-component lacquer
- Curing complete within 15 minutes in thermal oven at 110 °C (230 °F)
- Earmolds can be dipped or brushed
- Lasting coatings with very good adhesion

	Suitable for earmolds of	Characteristics	Units	REF
Lacquer H/II	**Silicone (hot- and cold-curing)**	High-gloss, leveling glazing of the surface	in aluminum bottle: 100 ml 250 ml 500 ml	 39400 39403 39402

Varnishing Brush **31500**
High-quality varnishing brush for all kinds of lacquering.

Varnishing Holder Kit for Silicone **74622**
Kit with 1 varnishing holder for up to 10 earmolds and 20 lacquering tubes.

Also available separately:
Varnishing Holder **74620**
Lacquering Tubes, 20 pieces **97110**

Varnishing Holder Kit **51207**
To be used in the EL 1 (REF 51100), EL 1 plus N2 (REF 51110) and EL 4 (REF 51205) units.

Kit consisting of:
5 magnetic varnishing holders
20 g Erkogum
1 m nylon tube, pre-cut 1.5 x 2.5 mm

Erkogum, 1 g **30911**
Reusable modeling clay – for fixing earmolds during varnishing operations. Especially recommendable for shells.

Dipping Jars, impervious to light, with black lid
For collecting reusable UV-curing materials as well as for processing and storing small quantities of lacquer.

60 ml **31400**
120 ml **31401**

egger LP Modeling Pastes
Stable, pasty consistency for repairing earmolds made of acrylic and UV-curing materials, shaping vents for ITE shells or for modifying earmolds. Color-coordinated to the corresponding earmold base material. Tubes with 20 g.

Hard Modeling Pastes (LP/H)
transparent **30800**
beige **31000**
flesh-colored **29800**
red **29610**
blue **29615**

Surface Cleaner
For cleaning surfaces and removing dust, grease, etc. before using the modeling pastes or lacquers. Also suitable for cleaning the varnishing brush.

In plastic bottle:

250 ml	**31600**
500 ml	**31603**
1000 ml	**31601**

Hand Spray Pump **86732**
For spraying the surface cleaner on surfaces.

Uniglue, 10 g **39501**
Cyanoacrylate-based, instant adhesive with especially adjusted flowability for bonding sound tubes, elbows, face-plates, etc. – in combination with primer (REF 39700) especially suitable for silicone earmolds.

Accessories:

Dosing Tip, large, 1.0 mm (length: 4,0 cm)	**39504**
Dosing Tip, small, 0.5mm (length: 2.0 cm)	**39505**

Primer for Uniglue, 10 g **39700**
For the pre-treatment of silicone earmolds (auditory canal drillings); in combination with uniglue (REF 39501), it provides durable bonding of PVC sound tubes and silicone earmolds.

Stetoclip Kit Premium **97030**
The premium composition in a single kit.
Stetoclip with elastic earplugs of soft plastic, including listening tube with top. To avoid mix-ups, every stetoclip is equipped with a name tag.
Color: blue.

Accessories for Stetoclip Premium:

Spare plug for Stetoclip Kit Premium, 1 piece	**97041**
Tube adapter (aluminum) for Stetoclip (for Stetoclip Kit Premium blue)	**97015**

All in one

Stetoclip Color

With hard plastic earplugs, adapter and listening tube.

black	**97044**
orange	**97037**
green	**97038**
red	**97048**
dark-blue	**97049**
light-blue	**97043**

Accessories for Stetoclip Color:

Tube adapter (aluminum) for Stetoclip	**97011**

Stetoclip Standard, grey

Includes coupling attachment and listening tube.

with Soft Foam Earplugs	**97000**
with Hard Plastic Earplugs	**97006**

Accessories for Stetoclip Standard:

Spare Foam Tips, 1 pair	**97005**
Spare Foam Tips, 1 pair	**97007**

Accessories for stetoclips:

Listening Tube with Top (beige) and Junction Coupling **881341**
For connecting to a stetoclip.

Top for Listening Tube, beige **88121**

Listening Tube, multi-colored **881340**
For listening directly to ITE hearing systems. With blue earplug (olive-shaped) and red top.

Top for Listening Tube, red, for multi-colored listening tube **881210**

Junction Couplings for Stetoclip

positive, for stetoclip and earmolds	**97002**
negative, for external receivers	**97003**

Earmold Vacuum Cleaner, manually operated **97070**
Ideal for the professional removal of cerumen by creating a vacuum. Ergonomically-shaped with operable release button. The tip is equipped with an exchangeable listening top that can be purchased separately.

Soldering Unit Kit Weller WD 1, 230 V for lead-free soldering **60930**
Kit consisting of the new microprocessor-controlled soldering unit including soldering iron WP 80, comfort safety stand, 2 soldering tips diameter 0.2 mm and 0.4 mm and 100 g lead-free soldering wire. Temperature adjustable from 50 °C (122 °F) to 450 °C (842 °F). Via fixed keys three temperatures can be programmed independently from each other. A dry-cleaning for the soldering irons is integrated in the comfort safety stand (with automatic on/off switch). This avoids oxidations and lutings on the surface of the soldering tip.

Operating temperature: 50 – 450 °C (122 F – 842 °F).
Dimensions: W 134 x D 108 x H 147 mm
Voltage: 230 V

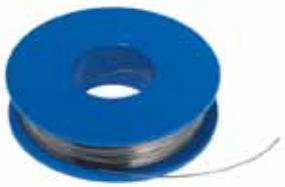
Accessories:

Soldering Iron WP80 **60931**
For a high level of accuracy with only short heating period
Output: 80 W

Soldering Tip LT 1L, conical, long, diameter 0.2 mm **60984**

Soldering Tip LT S, conical, long, diameter 0.4 mm **60985**

Solder Wire, lead-free **60915**
0.5 mm, 100 g



Desoldering Braid **60916**
width: 2.8 mm, length: 1.5 m

Clamping Tweezers, straight, 16 cm **45625**
For soldering operations.

Standard Bench-Type Magnifier **69688**
With 2 spring joint arms, free movable magnifier head, glass lens, large field of view. Includes lamps and clamp for mounting to desk tops up to 70 mm wide.

Accessories:
Lamp 230 V / 9 W **69689**

Tube Widening Pliers **45400**
For expanding sound tubes

Scissors – straight pointed **24000**
e. g. for cutting sound tubes, elbows, etc.

Tweezers, straight **45600**

Tweezers, curved **26300**

Tweezers, thin – curved **45610**

Tweezers, thin – straight **45620**

Side Nippers **46400**
e. g. for cutting vent tubes with wire.

Flat-Nose Pliers **46300**
e. g. for whithdrawing vent tubes with wire.

Screwdriver Kit **66003**
6 screwdrivers with longitudinal slot
(1.0 mm / 1.4 mm / 2.0 mm / 2.4 mm / 3.0 mm / 3.8 mm) in one set.

Drill Holder, 10.5 cm **77295**
For the manual removing of sound tubes using drills with shank diameter of 2.35 mm.

Fiberglass Pen, 12 cm **77290**
For the manual mat finish of earmolds or ITE face-plates.

Spare Tip for Fiberglass Pen, 6 pieces **77291**

The Shop on Wheels

Home Visit. Hearing protection field work. Professional education.

Plastic bag?

We offer you something better! The chic otoplastic trolley. Your mobile packing station for everything having to do with earmolds. We will be pleased to supply you with the completely equipped trolley.

Otoplastic Trolley (empty), aluminum black **66005**

Otoplastic Trolley "Standard" **66006**

Offers many assembling possibilities! In order to ensure you have everything you might need, we chose the contents according to the high standard needs of an acoustician's master exam in Germany:

Contents:

Heine Mini 3000 Otoscope 2.5 V halogen, black
Heine Ear Light with Acrylic Tip, black, with the new Heine Mini C clip lamp
Tube Widening Pliers
Scissors, round tip
Bayonet Tweezers
egger A/soft (8 double cartridges)
Inject Pistol
Mixing Canulas, 25 pieces
Clear Former – Impression Film (2 x 10 pieces)
Cotton and Sewing Thread for manufacturing impression pads
Cedis Spray with Atomizer, 100 ml
Bottom Part (for gasket forms), 40 mm
Gasket forms, 40 mm, 2 pieces
Duplicating Silicone transparent, 8 cartridges
egger Acryl/B Monomer (liquid), 250 ml
egger Acryl/B Polymer (powder), transparent, 0.5 kg
Mixing Cup, 70 ml
Mixing Spatula, small
Immersion Skewer for waxing of 1 impression (only in standard version)
Dipping Wax, green, 167 g (only in standard version)
Sound Tube PVC, 2.0 x 3.1 mm, transparent
egger LP/H beige, 150 g tube
egger LP/H Modeling Paste beige, 20 g
Dipping Jar, 60 ml
Black Foil, 10 pieces, 4.5 cm
LP-Cleaner, 250 ml
Silicone Vent Tube, 0.8 mm
Silicone Vent Tube, 1.5 mm
Silicone Vent Tube, 2.0 mm
Tweezers, fine, curved
Drill Set for hard earmold materials
Bur, round, 3.5 mm
Carbide Face-Plate-Trimmer
Soft Polishing Disc, green, not assembled (10 pieces)
Mandrel for Soft Polishing Disc
Corundum Paper, grit 180
Uniglue, 10 g with dosing tip, small, 0.5 mm
Universal Knife
Spare Blade for Universal Knife (1 piece)
Scalpel with 1 Blade, flat handle
Spare Blades for scalpel with flat handle (5 pieces)
Cotton Swabs, 200 pieces
Safety Visor
Face Mask, double-fleece, 5 pieces
Stetoclip, black
Mixing Slab, plastic
Drill Stand Attachment with old-away lid
1 Set of Training Earmolds including sound tubes (the set includes each 5 x right / 5 x left)
Paper Tissue Dispenser, 150 tissues
Digital Timer
Edding, fine, black

* Laboratory devices are not included, as they are generally provided by the schools while in training or during exams.

Otoplastic Trolley "Expert" **66007**

This trolley, in addition to the products of the "Standard" version, is equipped with machines for the easy manufacturing of transparent earmolds of UV materials:

egger EL 3, 230 V
Dipping Wax, green, 500 g
Wax Immersion and Duplicating Device, 230 V
Dipping Sieve
Digital Thermometer
Aquapress

The shop on wheels

Training earmolds (80 percent earmolds) including sound tubes **19930**
(the set includes each 5 x right-red/5 x left-blue)
The shape of the training earmolds is based on the main characteristics of more than ¾ of all earmolds produced daily. A great auxiliary for practicing fittings and for exams! Pre-bent sound tubes 1.5 x 2.5 mm are inserted!

The set includes:
1 earmold without an additional bore
1 earmold with an additional bore of 1.0 mm
1 earmold with an additional bore of 1.4 mm
1 earmold with an additional bore of 2.0 mm
1 earmold with an additional bore of 2.5 mm
(left and right respectively)

We also offer training courses on earmolds and hearing protection for technicians in our fully equipped training laboratory!

For further information, please consult page 206.

Tubes, Elbows and Accessories

Tubes, elbows, horn systems ... the right accessories for high-quality earmolds. With the matching special parts, the fidelity of earmolds can be influenced individually. In various shapes and a great variety of colors. Contact us for information on our attractive sliding-scale prices.

Sound Tube PVC, by the meter

1.5 x 2.5 mm	transparent	**95500**
2.0 x 3.1 mm	transparent	**95600**
	flesh-colored	**95700**
	blue	**95603**
	red	**95606**
	black	**95607**
2.0 x 3.3 mm	transparent	**95900**
	flesh-colored	**95705**
2.0 x 4.0 mm	transparent	**95800**

Dry Tube
The special tube made of polyurethane lets moisture diffuse, thus preventing a possible condensation build up in the sound tube.

2.0 x 3.0 mm	transparent, by the meter	**96600**
	pre-bent	**96200**

Aqua-Stop

Horn Tube, Dry Tube
Apart from transporting moisture, this sound tube with its “horn” shape also supports the high frequencies, that are important for hearing clearly.

3.0 mm inside diameter	**96300**
4.0 mm inside diameter	**96400**

Bent Sound Tubes and Elbows

Various angles are available. Ideal for the optimum adaptation to individual anatomic requirements.

Sound Tube PVC, wide, pre-bent

1.5 x 2.5 mm	transparent	**95505**
2.0 x 3.1 mm	transparent	**95100**
	flesh-colored	**95105**
	blue	**95203**
	red	**95206**
	black	**95207**
2.0 x 3.3 mm	transparent	**95905**
	flesh-colored	**95200**
2.0 x 4.0 mm	transparent	**95300**

Sound Tube PVC, narrow, pre-bent

1.5 x 2.5 mm	transparent	**95515**
2.0 x 3.1 mm	transparent	**95110**
	flesh-colored	**95115**
	blue	**95213**
	red	**95216**
	black	**95217**
2.0 x 3.3 mm	transparent	**95915**
	flesh-colored	**95210**

Sound Tube with Wax Guard, pre-bent
for open fittings

2.0 x 3.1 mm, transparent	**96800**
Wax guard, transparent	**96900**

CROS-Tube with Wax Guard, anatomically pre-bent

2.0 x 3.1 mm, transparent

left	**96820**
right	**96821**

Elbow, wide, pre-bent

1.5 x 2.5 mm	transparent	**90010**
	blue	**90013**
	red	**90016**
2.0 x 3.0 mm	transparent	**90110**

Elbow, narrow, pre-bent
With this special design of the hearing aid elbow, the requirements for a demanding earmold adaptation can be fulfilled more easily.

1.5 x 2.5 mm	transparent	**90000**
	blue	**90003**
	red	**90006**
2.0 x 3.0 mm	transparent	**90100**
	blue	**90103**
	red	**90106**

Nylon Tube
For manufacturing elbows. Available by the meter.

1.5 x 2.5 mm	**97200**
2.0 x 3.0 mm	**97100**

Horn Systems

The transmission of high frequencies, which are important for audibility, is supported while in sound transportation by using horn systems. We can offer you a wide selection to choose from.

Horn Tube, thin-sided
Inside diameter 3.0 mm

transparent	**96000**
flesh-colored	**96007**
blue	**96001**
red	**96004**
black	**96006**

Inside diameter 4.0 mm

transparent	**96100**
flesh-colored	**96107**
blue	**96101**
red	**96104**
black	**96106**

Horn Tube, thick-sided, transparent

Inside diameter 2.3 mm	**96005**
Inside diameter 3.0 mm	**96700**
Inside diameter 4.0 mm	**96701**

Bakke-Horn **96500**
For integration into hard earmolds.

Horn Elbow **96502**
The gracile alternative to Bakke-Horn.

Anchors

Special systems for attaching sound tubes to silicone earmolds – no gluing required.

egger flex Tube with Anchor

transparent	**95400**
flesh-colored	**95405**

Plastic Anchor **90200**

Metal Expanding Attachment, gold-plated

short	**90903**
long	**90904**

Connectors

For manufacturing earmolds for pocket hearing aids.

Snap Ring, for soft silicone earmolds **90901**
For manufacturing earmolds the place marker (REF 90902) is needed (see page 159).

Connecting Spring, gold-plated **97300**

Snap Ring, for hard earmolds **90900**
With the heating piston (REF 60700) it is directly worked into the cured acrylic material.

Heating Piston with Tip, 230 V — **60700**

Very light, electric soldering gun with tip, extremely short heating period (approx. 10 seconds), for heating up or attaching snap rings, heating function activated with the push-button.

Grip Stencil Set — **36899**

Grip stencil for producing grip hollows on silicone earmolds, especially suited for hearing protection and splash protection earmolds. Can be used with the indirect and direct method for silicone cold-curing materials.

Set includes a small (Ø 12 mm) and a large grip stencil (Ø 15 mm).

Handle for Silicone Earmolds

Handle of colored plastic material, reinforced by carbonate, to be screwed into silicone noise protection earmolds or swim plugs, with practical ring for attaching tubes or cords. Colors: red and blue.

5 pairs (5 x red, 5 x blue) — **36980**
1 pair (1 x red, 1 x blue) — **36981**

Removal String

For easier removal of ITE shells, BTE and slim earmolds or hearing protection earmolds.

10 pieces — **8814601**
100 pieces — **8814602**

Tube Junction

positive, for earmolds or stetoclip — **97002**

negative, for external receivers — **97003**

Ear Plug, Olive-Shaped, with Tube

small — **97021**
medium — **97022**
large — **97023**

Presentation / Promotion Assistance

Earmolds have to be small, nearly invisible. Except in your shop! Draw attention to the inconspicuous – with charm and elegance. Present your products in a classy and sophisticated way. Original, cheeky or classic – we have the right design for every atmosphere. You would prefer a different color? No problem, we also offer custom-made solutions. Our tip: Presentation products make an original present for your business partners.

egger Presentation Displays with “Floating Effect”

Upon first glance it appears as if the decoration were floating inside the frame. Only upon closer look will the two transparent silicone membranes become visible – stretched between the frame structure, which is hinged so it can be folded open. With the unique all-around visibility, these displays cleverly draw attention to e. g. earmolds or hearing systems. Creativity and choice of decoration is limited only by frame size.

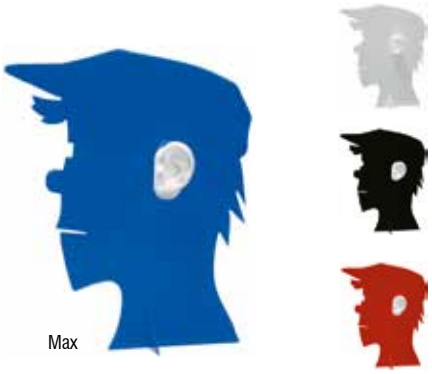
Presentation Display S Inner dimensions: 70 x 70 x 25 mm	**83880**
Presentation Display M Inner dimensions: 265 x 60 x 25 mm	**83881**
Presentation Display L Inner dimensions: 230 x 180 x 25 mm	**83882**
Presentation Display XL Inner dimensions: 260 x 260 x 72 mm	**83883**

Decoration not included.

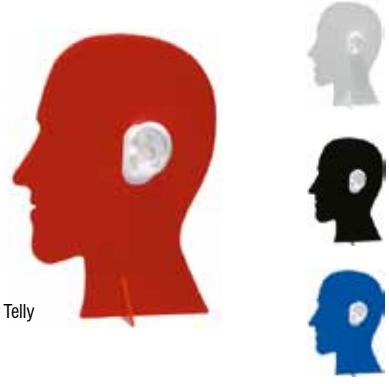
Presentation Heads Max and Telly

A smart possibility of presenting up-to-date hearing and hearing protection systems in the acoustician shop or during fairs. Max and Telly let you appeal to different target groups. The head can be equipped with an egger deco ear (not included). The deco ears are available in various colors.
The heads are available in other colors with a minimum order quantity of 50 pieces.

Presentation Head Max	
white	**87160**
black	**87161**
red	**87162**
blue	**87163**
Presentation Head Telly	
white	**87164**
black	**87165**
red	**87166**
blue	**87167**



Max



Telly

Please order deco ears separately.

Deco Column

The multi-purpose solution that offers numerous and flexible possibilities! The deco columns are provided with a white egger deco ear (earmold not included) and are available in three different sizes and many different colors. On demand, special color requests (in the usual RAL-colors) are possible with a minimum order quantity of 50 pieces.

You can order the columns with your choice of a left or a right ear.

Dimensions of the columns:
small H = 9.4 cm
medium H = 11.4 cm
large H = 16.4 cm

*Color**		with left ear	with right ear
white (RAL 9010)	small	**87700-L**	**87700-R**
	medium	**87701-L**	**87701-R**
	large	**87702-L**	**87702-R**
black (RAL 9005)	small	**87717-L**	**87717-R**
	medium	**87718-L**	**87718-R**
	large	**87719-L**	**87719-R**
red (RAL 3002)	small	**87782-L**	**87782-R**
	medium	**87783-L**	**87783-R**
	large	**87784-L**	**87784-R**
blue (RAL 5003)	small	**87785-L**	**87785-R**
	medium	**87786-L**	**87786-R**
	large	**87787-L**	**87787-R**
granite	small	**87738-L**	**87738-R**
	medium	**87739-L**	**87739-R**
	large	**87740-L**	**87740-R**
aluminum-silver	small	**87880-L**	**87880-R**
	medium	**87881-L**	**87881-R**
	large	**87882-L**	**87882-R**

* Information on RAL-colors is not binding.

Deco Column in Metallic Design

Light reflection draws an interesting play of colors. Delivery includes white deco ear.

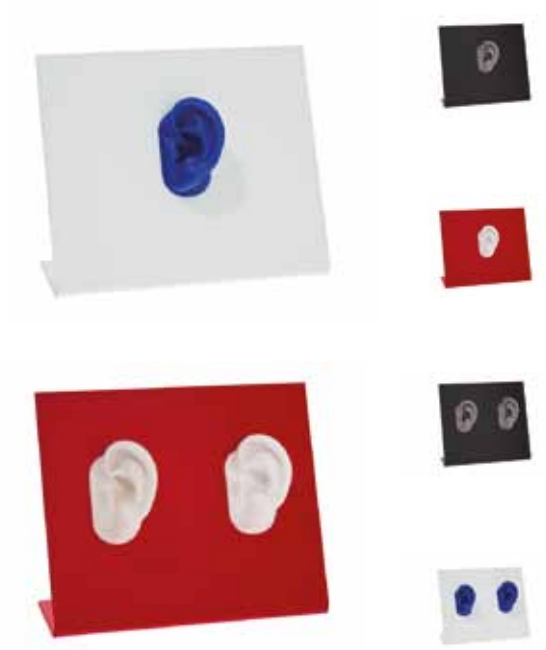
Color		with left ear	with right ear
silver-metallic	small	**87170-L**	**87170-R**
	medium	**87171-L**	**87171-R**
	large	**87172-L**	**87172-R**
mango-metallic	small	**87173-L**	**87173-R**
	medium	**87174-L**	**87174-R**
	large	**87175-L**	**87175-R**

Deco Display Colorline

With Colorline you can add even more color to the presentation of hearing systems. Choose from the standard colors red, black or white. The displays are also available in many other colors with a minimum order quantity of 50 pieces. Colorline is made of plastic and is available in two sizes to be able to hold either one or two ears. You have special requests? – We can also offer individualized solutions.
Please order the matching egger deco ears separately.

Dimensions:
W 18 x H 15 cm

	for 1 deco ear	for 2 deco ears
black	**88300**	**88301**
white	**88302**	**88303**
red	**88304**	**88305**



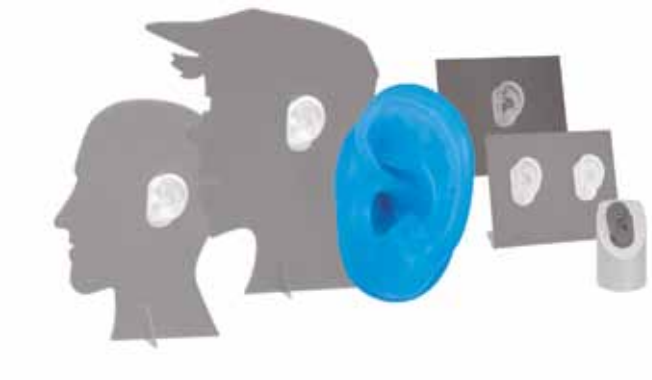
Please order deco ears separately.

egger Deco Ears

They can be used with the egger deco columns, deco displays and the presentation heads Max and Telly. The left and right ears are available in different colors. Special color requests (in the usual RAL-colors) are possible with a minimum order quantity of 50 pieces.

*Color**	left	right
white (RAL 9003)	**27902**	**27903**
beige (RAL 8023)	**27904**	**27905**
grey (RAL 7036)	**27911**	**27912**
light-blue (RAL 5015)	**27914**	**27915**
ruby-red (RAL 3003)	**27920**	**27921**
dark-blue (RAL 5002)	**27918**	**27919**

* Information on RAL-colors is not binding.



Magnetic Glass Board

A multi-functional item among the presentation products with several possible uses! Experience unlimited creativity and flexibility in your product presentation set-up.

Whether you want to simply attach an egger Magic Ear to present a new hearing system or make the *Cedis* care products the center of attention: You can position many products rapidly and easily by using magnets. In addition, you can label the magnetic glass board with dry-erase markers.

Our magnetic glass boards combine simple design with color effects and light effects due to reflecting glass. They are available in trendy and timeless colors. You can mount the magnetic boards horizontally or vertically to the wall or set them up vertically anywhere you like (e. g. in a display window). Please order the matching egger Magic Ears separately.

A multi-functional product presenter

Delivery includes:
Mounting set for wall
5 magnets

Color / size (W x H)	50 x 30 cm	82 x 12 cm	80 x 50 cm
green	**83850**	**83851**	**---**
red	**83852**	**83853**	**---**
white	**83854**	**83855**	**---**
black	**83856**	**83857**	**83858**

Accessories:

Set with 5 Magnets	**83859**

Support Bracket for Free Set-Up

For the magnetic glass board

50 x 30 cm	**83870**
82 x 12 cm	**83871**

Dry-Erase Markers

They always provide the right color for a colorful labeling of the egger magnetic glass board. Dry-erase markers can be wiped off without water.

neon-blue	**83860**
neon-green	**83861**
black	**83862**
white	**83863**

Please order Magic Ears separately.

Magic Ear Deco Display

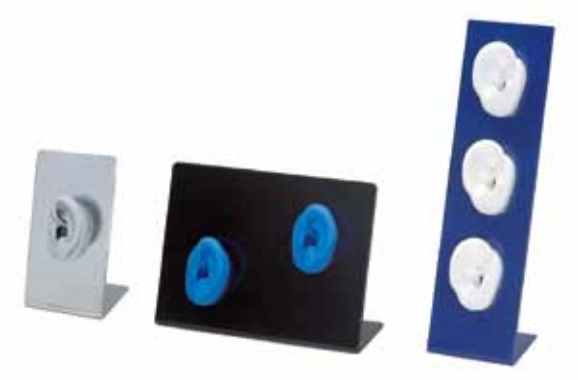
We can also offer you a matching metal decoration display for your Magic Ears, which is available in the standard colors silver, blue and black or in every standard RAL-color with a purchase quantity of 50 pieces per size. Please order Magic Ears separately.

Sizes:

small W 8 x D 8 x H 15 cm
medium W 20 x D 8 x H 15 cm
large W 8 x D 8 x H 30 cm

*Color**	small	medium	large
silver-metallic, brushed	**87960**	**87961**	**87962**
blue (RAL 5022)	**87963**	**87964**	**87965**
black (RAL 9005)	**87966**	**87967**	**87968**

* Information on RAL-colors is not binding.



Please order Magic Ears separately.

Deco Display Timeless

The deco display “Timeless” consists of acrylic glass; the column is made of anodized aluminum. Please order Magic Ears separately.

Size column 10 x 10 cm

small	H 10 cm	**87870**
medium	H 20 cm	**87871**
large	H 30 cm	**87872**

Please order Magic Ears separately.

Magic Ears

The Magic Ears stick to all magnetic surfaces, e. g. the Magic Ear displays or Timeless deco displays or the egger magnetic glass board. Left and right ears are available in different colors. Special color requests (in the usual RAL-colors) are possible with a minimum order quantity of 50 pieces.

*Color**	left	right	
white (RAL 9003)	**27950**	**27951**	
beige (RAL 8023)	**27956**	**27957**	
grey (RAL 7036)	**27954**	**27955**	
light-blue (RAL 5015)	**27962**	**27963**	
ruby-red (RAL 3003)	**27982**	**27983**	
dark-blue (RAL 5002)	**27964**	**27965**	

* Information on RAL-colors is not binding.

Presentation Case “Maxi” with 20 compartments

87944

High-quality aluminum presentation case with foam material inlay. Due to the clear presentation of earmolds and hearing systems, it is ideally suited for sales talk in the acoustician shop, during home visits or fairs. Pictured earmolds are not included.

Dimensions:
approx. W 34 x D 25 x H 4 cm

Dimensions of the compartments:
approx. W 5 x D 5 x H 1.5 cm

Decoration not included.

Professional presentation

Presentation Case "Mini" with 12 compartments

89845

Handy and practical presentation case with 12 compartments for a clear presentation of earmolds and hearing systems. It is universally usable for sales talk in the acoustician shop, during home visits or fairs. Pictured contents are not included.

Dimensions:
approx. W 21 x D 15 x H 2 cm

Dimensions of the compartments:
approx. W 4 x D 3.5 x H 1.8 cm

Decoration not included.

Presentation Tray, black

87890

High-quality hearing systems deserve a professional presentation during a sales talk. The surface is made of synthetic leather. Pictured presentation products are not included.

Dimensions:
W 27 x D 17 cm

Decoration not included.

Bulk Bin / Sales Counter Display

87986

Ideal for placing give-aways on the sales counter. Stylish sales counter display in glass-clear and high-gloss design. Individual labeling with signs or labels on request. The display is delivered in two pieces that can be mounted in no time.

Contents not included in delivery.

Poster Clamp Frame

83890

The matching frame for a nice poster. The offered poster clamp frames are ideal for presenting posters hanging in a display window, on the wall or from the ceiling in the sales area. The frame, with its aluminum design, is easily mounted. Posters are quickly exchanged. They are held in place by a clamp mechanism. Suitable for DIN A1 posters (841 x 594 mm).

Outer dimensions of the frame:
H 922 x W 675 mm

Poster Clamp Strip

83891

Ideal when there is no time! The simple and stylish solution for attaching and hanging up posters up to 600 mm wide.
Poster clamp strips are especially suitable for advertising presentations during fairs and in office and sales areas. The poster clamp strip is attached easily and rapidly to the wall or the ceiling. All that is needed is a nail and a piece of nylon string.
One packaging unit consists of 2 poster clamp strips made of aluminum.

Total width of the clamp strip:
610 mm

Impression Preparation / Negative Mold Manufacture

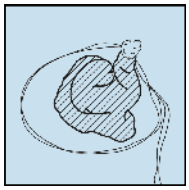
Exact preparation of the impression is important: A precise and comfortable fit of the earmold is dependent on the preparation efforts. The wax layer influences the seal and wearing comfort of the future earmold. Suitable equipment results in an efficient and economically manufactured negative mold: Tools and materials are used depending on the production output and production process. This leads to an optimum working process.

Impression Preparation 124 - 128
Negative Mold Manufacture 129 - 135

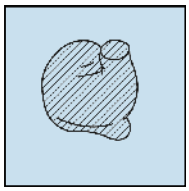
Description of Process – Preparing the Impression

- *the first important step towards manufacturing a precision earmold*
- *the prepared impression is the key to success*
- *the wax coating influences the quality of the finished earmold concerning comfort and sealing*
- *is the basis for all earmold manufacturing processes*

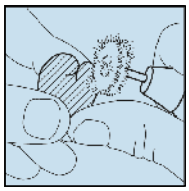
Please also consider our Cedis Profi product range for work safety, hand and skin care, which is part of our Cedis care program. For the complete product range, please see pages 68-73.



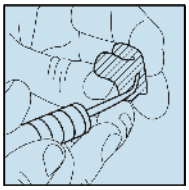
1. Check the impression. Pay attention to exact application and the length of the auditory canal



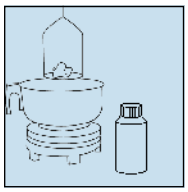
2. Trim the auditory canal and cymba of the impression



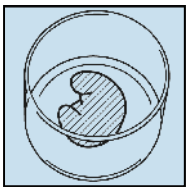
3. Round all edges and interfaces and smooth surface gently



4. Level irregularities, holes or scratches with correcting wax



5. Apply a thin and even interlayer (wax or lacquer L)



6. Place the impression securely in a duplicating flask/investment form suitable for the chosen manufacturing process

Electrical Wax Knife WAXER-NT Light, 230 V **61210**

Compact, powerful modeling unit with a light and easily manageable modeling handle including 2 tips and stand, for precise corrections of impressions using correcting wax. Adjustable temperature range: 50–225 °C (122–437 °F).

Output: 9 W
Working temperature: 50–225 °C (122–437 °F)
Weight: 0.75 kg
Dimensions: W 100 x D 160 x H 80 mm

Spare parts:
Tip, standard **61213**
Tip, knife-shaped **61214**

Electric Wax Knife ECO, incl. correcting wax **61230**

Favorably-priced starter kit with 4 different modeling tips and a jar of egger correcting wax (REF 41300). Due to its steplessly adjustable temperature, the unit heats up quickly to the desired temperature of 50–350 °C (122–662 °F). Heat is controlled through the high-performance heating element and circuit.
Contents: wax station with iron, 4 different modeling tips, correcting wax, red, 70 g

Voltage: 230 V / 50 Hz
Output: max. 10 W

Spare parts:
Modeling Awl **61232**
Modeling Blade **61233**
Modeling Spatula **61234**
Modeling Knife, bent **61235**

Correcting Wax red, 70 g **41300**

For correcting and refilling impressions e. g. by using an electrical wax knife.

Wax Immersion and Duplicating Device

Complete unit with electrical heating plate and lid for melting wax, adjustable thermostat with overheating protection.

230 V **65005**

Also available as a 115 V device.

Dimensions: Ø 150 mm
Weight: 1.2 kg
Capacity: 0.9 l

Temperature Control TR4 for Wax Immersion and Duplicating Device

Electronic controller for optimum control of the wax temperature. The temperature control ensures that the wax layers spread evenly during professional use. The built-in power control unit adjusts the heat demand for an optimum temperature and is equipped with a permanent actual temperature indicator. Set values to be programmed manually. It is equipped with a visual alarm for critical temperatures. Suitable for the wax immersion and duplicating device (REF 65005).

230 V **66250**

Also available as a 115 V device.

Dimensions: W 125 x D 180 x H 150 mm
Weight: 1.9 kg
Output: 16 A / 3500 W

Wax Immersion Kit Profi

All in one!

Set at a favorable initial price. It consists of the temperature control unit TR4, the dipping sieve, the wax immersion and duplicating device with heating plate and the holder for the temperature sensor – perfect for working professionally with all types of dipping waxes.

230 V **66220**

Also available as a 115 V device.

All in one!

Accessories for wax immersion and duplicating device:

Holder for Digital Thermometer **65007**

Digital Thermometer **65002**
For manual temperature control of wax and duplicating material.

Dipping Sieve **65004**
Holds the impressions that are to be wax coated in the wax immersion device.

Immersion Wax, Special, green, 500 g **41201**
Special wax composition for insulating the impressions. Universally suitable for A- and C-type silicone impression materials – results in an even and highly elastic wax film layer.
Recommended processing temperature 95 °C (203 °F).

Immersion Wax, Standard, pink, 500 g **41100**
Wax sheets for insulating the impressions, also suitable for modeling the interlayer when countering.
Recommended processing temperature: 75 °C (167 °F).

Lacquer L
Air-drying silicone lacquer for the preparation of impressions for the manufacturing of negative molds with plaster or gel duplicating material.

In glass bottle incl. brush:
20 ml **37505**
50 ml **37500**

In aluminum bottle:
100 ml **37501**
250 ml **37502**
500 ml **37503**
1000 ml **37506**

Square Stone for Trimmer **49600**
For shaping trimmers and rubber polishers.

Trimmer, assembled
For executing alternations and corrections on silicone earmolds and impressions.

Pear-Shaped **77200**
Pointed and Slim **77201**

Mandrel **73600**
For polishing disc (REF 74200).

Soft Polishing Disc, green, unassembled, 10 pieces **74200**
For treating impressions in connection with mandrel (REF 73600).

Scalpel with 1 Blade, flat handle **45300**

Spare Blades, 5 pieces **46200**

Universal Knife **45500**
For trimming impressions.

Spare Blades, 10 pieces **45502**

Pencil for Marking Impressions **24100**

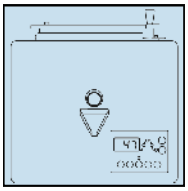
Description of Process and Summary of Possible Methods for Manufacturing Negative Molds or Blanks

Determine which earmold material is the right one for your customer.
The manufacturing process for the negative mold or blank is then derived from this decision.

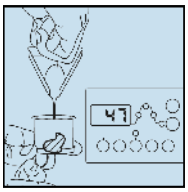
Different possibilities are available for combining the suitable negative mold material with the processing method of your choice. The following overview summarizes the possible combinations:

	Manufacturing process of earmolds					
Negative mold material	UV-polymerization	Cold polymerization of acrylics	Hot polymerization of acrylics	Silicone cold-curing	Silicone hot-curing	Advantages
Duplicating material gel or concentrate	X	X		X		reusable, high reproduction accuracy
Duplicating silicone transparent	X	X				shrink-proof, perfect for control forms, highly transparent > reduces polymerization time
Duplicating silicone pink		X				shrink-proof, also suitable for control forms
Plaster		X	X	X	X	extremely economical method in large numbers, suitable for hot-curing polymerizates

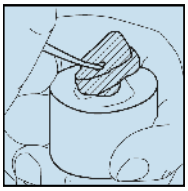
Manufacturing Negative Molds with
Duplicating Gel



1. Prepare duplicating material and concentrate in the duplicating device EDG 1 in an automatic process

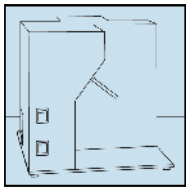


2. Fill investment form and let it cool down

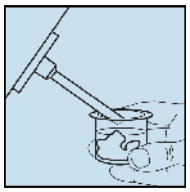


3. Remove impression after material hardens, free negative mold of wax residues

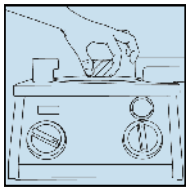
Manufacturing Negative Molds with
Duplicating Silicone transparent / pink



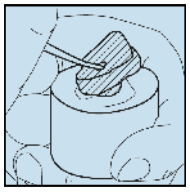
1. Mix components A and B evenly, either manually or using the mixing device ESG 2



2. Fill investment form

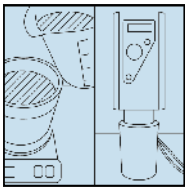


3. Put negative mold for approx. 15 minutes into pressure pot for bubble-free hardening (optional)

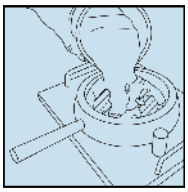


4. Remove impression, free negative mold of wax residues

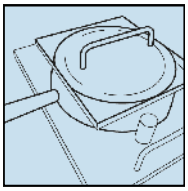
Manufacturing Negative Molds with
Plaster



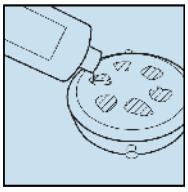
1. Mix plaster under vacuum



2. Fill plaster into investment form or Micropol flask



3. Let it harden for approx.15 to 20 minutes



4. Remove impression, remove wax residues by boiling, let plaster form dry and insulate it with Isolat

Manufacturing Negative Molds with Duplicating Gel

The egger duplicating material is a proven negative mold material of a type of hdyrocolloid. Due to its transparency, the material is especially suitable for processing with the light-curing technique. The material can also be used for processing acrylic cold polymerizates and silicone cold vulcanizing material. The material is characterized by its extremely high reproduction accuracy. It can be reused several times.

Duplicating Material

Ready-to-use material for processing in duplicating unit EDG 1 or in the small duplicating unit (REF 65005).

6 kg (bucket) **40900**

Ready-to-use material for fast processing, e. g. in a microwave oven; suited for small numbers.

350 g (container) **40903**

Duplicating Material (Concentrate)

We recommend mixing and processing the material in duplicating unit EDG 1. A mixture of the total volume with 1.5 l water produces about 5.3 kg. Due to a reduction in weight of 50 %, you save on cargo and handling.

3 l can **40909**

egger Duplicating Device EDG 1

High-performance, compact duplicating device melts the reusable egger duplicating material. Due to its solid and durable design and low investment costs, the unit has become a standard device in professional laboratories. The powerful agitator melts duplicating material quickly and gently. It is ready for processing in no time. A micro-controller with 3 temperature sensors regulates all functions of the duplicating unit and registers the number of melting cycles thus checking the material's quality.
Recommended capacity: 2 – 5 kg.

230 V / 50 Hz **61760**

Also available as a 115 V device.

Output: 1300 W
Dimensions: W 345 x D 285 x H 295 mm
Weight: 20 kg

Efficient and robust

Manufacturing Negative Molds with Duplicating Silicone

Duplicating Silicone transparent

Addition-vulcanizing casting silicone for manufacturing negative molds. The material's high-level transparency reduces the polymerization time compared to other materials. Especially suitable for the processing of UV-polymerizates or the manufacturing of ITE-control forms.
Mixing ratio 1 : 1

Final degree of hardness: approx. 17 shore

2 x 5 l Can	**41001**
2 x 1 l Bottle	**41000**
8 Cartridges (2 x 24 ml)*	**41003**

* Matching mixing canulas and inject pistol are listed in our chapter on Impression Taking Technique from page 86.

Duplicating Silicone, pink

Addition-vulcanizing casting silicone for manufacturing negative molds. Especially suitable for processing cold polymerizates.
Mixing ratio 1 : 1.

Final degree of hardness: approx. 15 shore

2 x 1 l Bottle	**41801**
2 x 5 l Can	**41802**

egger Silicone-Mixing Device ESG 2

Measuring and mixing device for automatic mixing of high-quality egger duplicating silicones. The optimized feed pump and the disposable static mixing canulas, that can be exchanged easily, ensure bubble-free and homogenic mixing of silicone components and therefore minimizing material consumption. The foot switch (included in delivery) makes the device easy to operate. Transparent refillable containers (material reservoirs) are also included. They can be refilled with silicone at any time.

Automatic mixing

Alternatively, the material refill containers can also be to attached directly to the device. Please order quick-change devices separately.

230 V	**54560**

Also available as a 115 V device.

Dimensions: W 320 x D 350 x H 320 mm
Weight: 18 kg

Accessories:

Holder for 5 l cans	**54504**
Coupling Kit (1 pair) for 1 l bottles	**54505**
Coupling Kit (1 pair) for 5 l cans incl. connection hoses	**54553**

Mixing Canulas S 50, pink, 6.75 mm

Attachment for the egger silicone-mixing device ESG 2.

40 pieces	**25151**
100 pieces	**25152**

Pressure Pot

For manufacturing a bubble-free silicone negative mold, we recommend vulcanizing the material in a pressure pot. Further product information is available in our chapter on Polymerization of Acrylics from page 167.

Manufacturing Negative Molds with Plaster

Plaster Mixing Devices

We can offer you various designs of dosing and vacuum mixing units needed for mixing plaster.

Please request an updated offer for the model you require.

Plaster, Semi-Hard, 25 kg **41509**

Plaster Accelerator, 1 kg **40300**

Micropol 2000

When manufacturing a plaster negative mold, we recommend using the Micropol 2000. Further product information is available in our chapter on Polymerization of Acrylics from page 167.

Microwave Oven **64709**

For quick polymerization of ITE shells and earmolds and for vulcanizing silicone earmolds in the special Micropol duplicating flasks, steplessly adjustable up to 850 W. Turntable included.

Weight: 21 kg
Inner dimensions: W 290 x H 280 x D 200 mm
Outer dimensions: W 482 x H 284 x D 368 mm

Lacquering Oven **68301**

For pre-heating the insulated plaster forms and for drying lacquer coatings; equipped with integrated time and temperature pre-selection.

Output: 1600 W
Weight: 13.2 kg
Inner dimensions: W 435 x D 250 x H 365 mm
Outer dimensions: W 585 x D 315 x H 405 mm
Operating temperature: max. 300 °C (572 °F)

Auxiliary materials for manufacturing plaster forms

Isolat

Alginate insulating agent for separating plaster forms from resins and silicones. Suitable for all acrylics and hot-curing materials.

1 l **39900**
5 l **39901**

Plaster Solvent

For the thorough cleaning of all plaster mixing units and plaster-caked items.

1 l **40101**
5 l **40100**

Accessories for Manufacturing Negative Molds

Gasket Forms

Ø 26 mm, 25 pieces	**55040**
Ø 35 mm, 25 pieces	**55041**
Ø 40 mm, 25 pieces	**55042**

Bottom Parts for Gasket Forms

Ø 26 mm	**55043**
Ø 35 mm	**55044**
Ø 40 mm	**55045**

Investment Form, transparent, Ø 50 mm **52900**
With removable lid.

Investment Form, transparent, Ø 50 mm **53000**
With 2 removable lids.

Silicone Investment Form

Suitable for manufacturing negative molds of duplicating material, duplicating silicone or plaster.

Ø 5 cm	**52100**
Ø 11 cm	**52300**

Impression-Removing Instrument — 46700

For easy removal of impressions out of the negative mold.

Adhesive Wax, red

For fixing the isolated impressions in investment forms or on investment kits.

120 g	**41104**
1 kg	**41102**

Wax Knife

For deburring the plaster form after removal of the impression.

small	**45000**
large	**45100**

0
1
2
3
7
8
9
Dial Caliper
0 – 10mm

UV-Polymerization / Venting

Manufacturing earmolds and ventings using UV-polymerization for reliable product quality. Easy handling, efficient processing. UV-polymerization and venting have various and simple uses at low investment costs. Suitable for open fittings and BTE hearing aid systems, ITE shells and hearing protection.

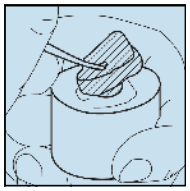
UV-Polymerization 138 - 144
Venting 145 - 149

Manufacturing Process – UV-Polymerization

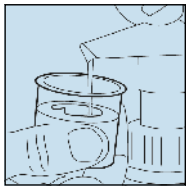
One-component material on the basis of polyurethane/acrylate is used for working with the UV-polymerization technique for manufacturing earmolds.

Advantages:

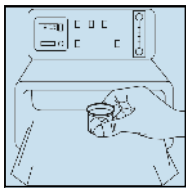
- *quality material available in transparent and pink-transparent for earmolds and in beige, flesh, red and blue for ITE shells*
- *special colorations are possible*
- *hard, impact-tough material*
- *also available as soft material (65 shore)*
- *also applicable for hearing protection*
- *modular system, therefore also suitable for small numbers of items*
- *clean and space-saving manufacturing process*
- *very tissue-friendly*
- *combinations (hard/soft) are possible*
- *reasonable cost-benefit ratio*
- *usable in the usual UV-curing units*



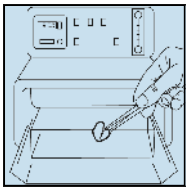
Manufacturing of negative molds from page 129



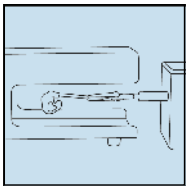
1. Fill the LP material into the transparent negative mold



2. Put the negative mold into the UV-curing unit EL 1, EL 1 plus N_2 or EL 2 for polymerization



3. Take the blank out of the negative mold for post-polymerization in the LP-Cleaner bath or under inert gas (nitrogen)



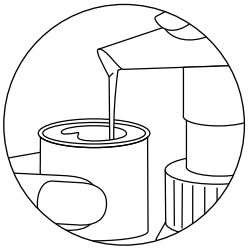
4. After shaping and finishing with special cutters (from page 172) varnish it with LP lacquers (see page 97)

Materials and devices to set vents and for repairs see pages 145 - 149 and 96 - 105.

egger LP UV-Curing Materials

We offer high-quality UV-materials for manufacturing
- earmolds for BTE hearing systems and open fittings
- ITE shells
- hearing protection

The outstanding feature of our UV-materials are their color stability, i. e. the color pigments will not settle at the bottom. Additional mixing before use is no longer necessary. We guarantee you stable and continuous quality. With egger LP/HS we offer a special material formula that is highly suitable for manufacturing gracile earmolds and is used evermore with open fit hearing systems and ITE hearing aids. egger LP/HS draws attention due to its improved breaking strength when compared to the standard formulas.



egger LP/HS Impact-Resistant

Hard UV-polymerizates for the production of extremely fracture-proof BTE earmolds, ITE shells and hearing protection.

clear

150 g tube	**30020**
600 g aluminum bottle	**30022**

pink-transparent

150 g tube	**30120**
600 g aluminum bottle	**30122**

egger LP/H, Standard

Hard UV-polymerizates for the production of BTE earmolds, ITE shells and hearing protection.

clear

150 g tube	**30000**
300 g aluminum bottle	**30005**
600 g aluminum bottle	**30008**

pink-transparent

150 g tube	**30100**
300 g aluminum bottle	**30105**
600 g aluminum bottle	**30108**

Hard UV-polymerizates for the production of ITE shells

beige

150 g tube	**30400**
300 g aluminum bottle	**30405**
600 g aluminum bottle	**30408**

flesh-colored

300 g aluminum bottle	**29905**
600 g aluminum bottle	**29908**

red

150 g tube	**29710**
300 g aluminum bottle	**29711**
600 g aluminum bottle	**29720**

blue

150 g tube	**29715**
300 g aluminum bottle	**29716**
600 g aluminum bottle	**29725**

egger LP Modeling Pastes

UV-curing modeling pastes in different colorations for repairing or modifying earmolds and for shaping vents are listed in our chapter on Services and Repairs see page 98 and Venting see page 146.

egger LP Lacquers

Numerous UV-curing lacquers for various uses are described in a detailed list in our wide selection of lacquers in the chapter on Services and Repairs see page 97.

egger EL UV-Curing Units

With the devices from our EL-series, we offer you individually designed modules for every kind of use. We also offer you the possibility of equipping your own otoplastic laboratory at low investment cost.

egger EL 2

The ideal first solution into setting up your own production! UV-curing unit for manufacturing BTE earmolds, hearing protection, ITE shells and for varnishing operations. The interior space can hold up to 6 BTE earmolds. The integrated timer (precision: 1 second) and the light tubes, which are on two levels and individually switchable, let you set the curing times as needed. The device is equipped with two UVA light tubes and two blue fluorescent light tubes. The casing is made of high-quality, powder-coated metal.

The ideal first solution

230 V **51200**

Also available as a 115 V device.

Output: 80 W
Dimensions: W 280 x D 240 x H 120 mm
Weight: 4.8 kg
Working surface: 160 x 110 mm

Accessories and spare parts for EL 2:

Maintenance Kit consisting of 2 UVA light tubes, 2 blue fluorescent light tubes and replacement reflectors **50141**

Light Protection Lid, red **51202**
Set of Reflecting Foils **51204**
Countertop **51203**

egger EL 1

Universally usable UV-curing unit for your laboratory operations. Light-curing unit for manufacturing BTE earmolds, hearing protection, ITE shells and for varnishing. The interior space can hold up to 8 BTE earmolds or 12 ITE shells. The integrated timer (precision: 1 second) and the light tubes, which are on three levels and individually switchable, let you set the curing times as needed for each step of production. The device is equipped with six UVA light tubes and four blue fluorescent light tubes. The casing is made of high-quality metal. A fan protects the unit from overheating.

Delivery includes the reflecting and removable metal plate which is used for varnishing operations. The matching varnishing holder kit can be ordered under REF 51207.

230 V **51100**

Also available as a 115 V device.

Output: 180 W
Dimensions: W 280 x D 300 x H 210 mm
Weight: 9 kg
Working surface: 215 x 160 mm

Universally usable

egger EL 1 plus N_2

The professional device for your laboratory operations! Same model as the standard device EL 1, but additionally equipped with a gas supply. Thus post-curing can be carried out in a work box under inert atmosphere (nitrogen). This technique prevents the formation of an inhibitory layer since no oxygen influences the polymerization operation. Therefore, the use of the LP-Cleaner can be eliminated and thus the manufacturing process is more efficient and less messy. Nitrogen is harmless if used properly, and it is obtainable in specialist shops. Gas supply to be installed by skilled specialists only!
Incl. 1.5 meter gas hose

Delivery includes the reflecting and removable metal plate which is used for varnishing operations. The matching varnishing holder kit can be ordered under REF 51207.

230 V **51110**

Also available as a 115 V device.

Output: 190 W
Dimensions: W 280 x D 300 x H 210 mm
Weight: 10 kg
Working surface: 215 x 160 mm
Gas pressure: up to 1.5 bar

Professional

Accessories and spare parts for EL 1 and EL 1 plus N_2:

Maintenance Kit consisting of 6 UVA light tubes, 4 blue fluorescent light tubes and replacement reflectors	**50142**
Light Protection Lid, red	**51102**
Countertop	**51103**
Set of Reflectors	**51104**

Accessories and spare parts for EL 1 plus N_2:

Pressure Reducer for Gas Bottle, incl. 1.5 m gas hose	**51113**
Rectangular Container, especially for post-curing under inert gas	**51114**

egger EL 3

Versatile

The proven light-curing unit egger EL 3 is suited for a number of uses in the acoustician shop, during home visits and in the otoplastic laboratory. Service operations can be executed immediately right in the shop – fast, efficiently, no lengthy preparation needed. So you can enjoy more independence while offering your customer the best possible service.

All possible uses and advantages at one glance:

- Repairs of BTE and ITE earmolds that are made of UV-polymerizates or other hard acrylates
- Minimizing or sealing ventilation bores
- Post-production attachment of retention points or a lip seal
- Modifications of vents on ITE earmolds
- Post-production varnishing ("glazing") of polished earmolds using LP/H lacquers – a preventive measure against skin irritation
- Partial build-up of earmolds to improve their seal
- Adhesive coating ("non-slip coating") using LP/W lacquers to improve an earmold's hold

The UV-curing unit egger EL 3 was designed especially for the above mentioned uses and is characterized by:

- no maintenance of device necessary
- both UV-light tubes can be exchanged quickly
- easy to operate
- powder-coated metal casing is easy to clean and maintain

230 V **51300**

Also available as a 115 V device.

Output: 30 W
Dimensions: W 100 x H 240 x D 100 mm
Weight: 1.4 kg

Accessories and spare parts for EL 3:
Maintenance Kit consisting of
2 UVA light tubes and replacement reflectors **50140**

Set of Reflecting Foils **51301**

Please also note our EL 3 Service and Repair Set. For more information please go to our chapter on Services and Repairs (see page 96).

Turning Motor for Varnishing Operations

The rotation ensures that the lacquer spreads evenly during the hardening process. Ideal for the use with the UV-curing unit egger EL 3.

Battery-Operated **89300**
230 V (incl. power supply unit 3 V) **89400**

egger EL 4

The professional device for your laboratory operations!
The proven UV-curing unit egger EL 4 can be universally used in otoplastic laboratories. It was especially developed to polymerize UV-curing resins such as lacquers and modeling pastes and is ideally suited for lacquering (glazing), modifications or repairs. The size of the polymerization chamber is large enough to process up to 25 earmolds and/or ITE shells in a single work step. The most used curing times of two to four minutes are pre-set. Thus a personal check on curing times is no longer necessary and the processing procedures will be even more comfortable. The surface polymerization is highly efficient due to the positioning of the six UVA light tubes and the reflecting finish of the unit's interior. The varnishing drawer's matching varnishing holder kit can be ordered under REF 51207.

The professional varnisher

230 V **51205**

Output: 150 W
Dimensions: W 220 x H 300 x D 110 mm
Weight: 5.2 kg
Working surface: 190 x 160 mm

Accessories and spare parts for EL 4:
Maintenance Kit consisting of
6 UVA-light tubes and replacement reflectors **50143**

Set of Reflecting Foils **51209**
Varnishing Drawer **51208**

Spare Light Tubes for egger EL UV-Curing Units

UVA, 9 W (light color no. 78 or 10) **50103**
Blue light, 9 W (light color no. 71 or 52) **50104**

Please also note our favorably priced maintenance kits which are listed as spare parts with the UV-curing units.

Accessories and Auxiliary Materials for UV-Polymerization

Container for the second polymerization using LP-Cleaner
suitable for the UV-curing units egger EL 1, EL 2 and EL 4

Round Container, Ø 50 mm, without lid **52800**

Rectangular Container, (W 110 x H 55 x D 100 mm) **50107**

Black Foil

Used especially for manufacturing ITE shells. It shuts out the UV-rays from the top during the first stage of the polymerization process.

Ø 2.5 cm, 100 pieces	**53200**
Ø 4.5 cm, 100 pieces	**53100**

LP-Cleaner

For the second polymerization of the sticky surface (inhibition layer) which forms during UV-polymerization due to the exposure to oxygen.

100 ml	**31301**
250 ml	**31303**
1 l	**31300**
5 l	**31310**

Dispenser for egger LP/H Materials

53400

With pump mechanism for an easy, mess-free and bubble-free dosage of LP materials, suitable for the 300 g and 600 g aluminum bottles.
Tubing can be modified to fit every bottle size.

Dial Caliper (Precision Meter)

44010

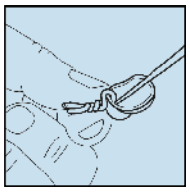
Special precision meter (caliper) to determine the wall thickness of ITE earmolds.

Manufacturing Process – Shaping Vents with egger LP Modeling Pastes

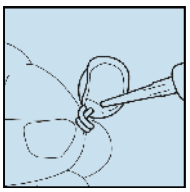
You will find all products you need for the shaping of vents
in our extensive product range.

Advantages:

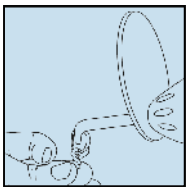
- *easy to process*
- *applicable for all standard UV-polymerizates as well as hard acrylates*
- *low investment costs*



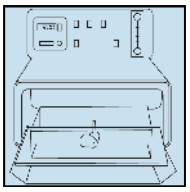
1. Position vent tube with wire



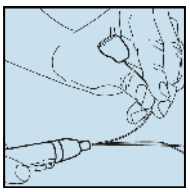
2. Cover vent tube with LP modeling paste



3. Harden LP modeling paste with light pistol and remove wire



4. Let the material harden completely in LP-Cleaner bath or under inert gas (nitrogen)



5. Glue face-plate, mark vent outlet opening using the vent ear light and open it with suitable drill (Drills from page 174)

Modeling Pastes

egger LP/H (hard)

Stable, pasty consistency for shaping vents for ITE shells. Colors match the corresponding basis materials of the earmolds.

Tube (20 g)

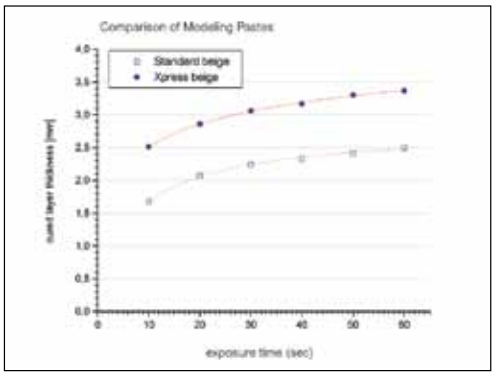
transparent	**30800**
beige	**31000**
flesh-colored	**29800**
red	**29610**
blue	**29615**

Cartridge Syringe (for dosing unit), 10 g

transparent	**30850**

Xpress, beige **31020**

Special formula, designed to correspond to the wave length of light pistols. The time needed for polymerization can be cut by up to 50 %!



Light Pistol Megalux CS

High-performance halogen UV-curing unit for the polymerization of UV-curing modeling pastes (e. g. Xpress) for shaping vents or executing repairs. Due to integrated program settings, curing time can be set to 20 or 40 seconds or continuous operation. Scope of delivery includes a small light guide. Its diameter of 3 mm is ideally suited for shaping vents. In addition, delivery contains the light safety shield and a spare halogen bulb 75 W.

Powerful

230 V **51550**

Also available as a 115 V device.

Output: 130 W
Spectral power distribution: 400 – 500 nm
Dimensions: W 160 x H 80 x D 220 mm

Spare parts:

Spare Light Guide, 3 mm	**51552**
Spare Halogen Bulb, 75 W	**51503**

Also suitable for Demetron and Optilux.

Modeling Instrument **31215**
For an easy modeling of UV-curing modeling pastes, e. g. for ventings in ITE shells.

UV-Safety Goggles **74701**
Safety protection for the eyes, especially for working with the light pistol.

Vent Tube with Wire, 1 m
For shaping vents in ITE shells.

Ø 1.0 mm	**92700**
Ø 1.4 mm	**92702**
Ø 1.6 mm	**92706**
Ø 2.0 mm	**92703**
Ø 2.4 mm	**92704**
Ø 3.0 mm	**92705**

Silicone Ventilation Tube, 1 m
An alternative to the inflexible vent.

Inner diameter	Outer diameter	
0.8 mm	1.6 mm	**92000**
1.0 mm	1.8 mm	**92100**
1.2 mm	2.0 mm	**92600**
1.5 mm	2.3 mm	**92200**
2.0 mm	2.8 mm	**92300**
2.5 mm	3.3 mm	**92400**

Dosing Needle for Cartridge Syringes (10 g and 30 g)

Stainless Steel, brown	**53424**
Flexible, brown	**53415**

Cartridge Syringe, empty

Cartridge syringes that are impervious to UV light, for manual dosing of egger LP modeling pastes in 20 g tubes. Perfect for easy dosing when shaping vents and modifying earmolds. Contents: Cylinder, hand piston, stopper and sealing cap.

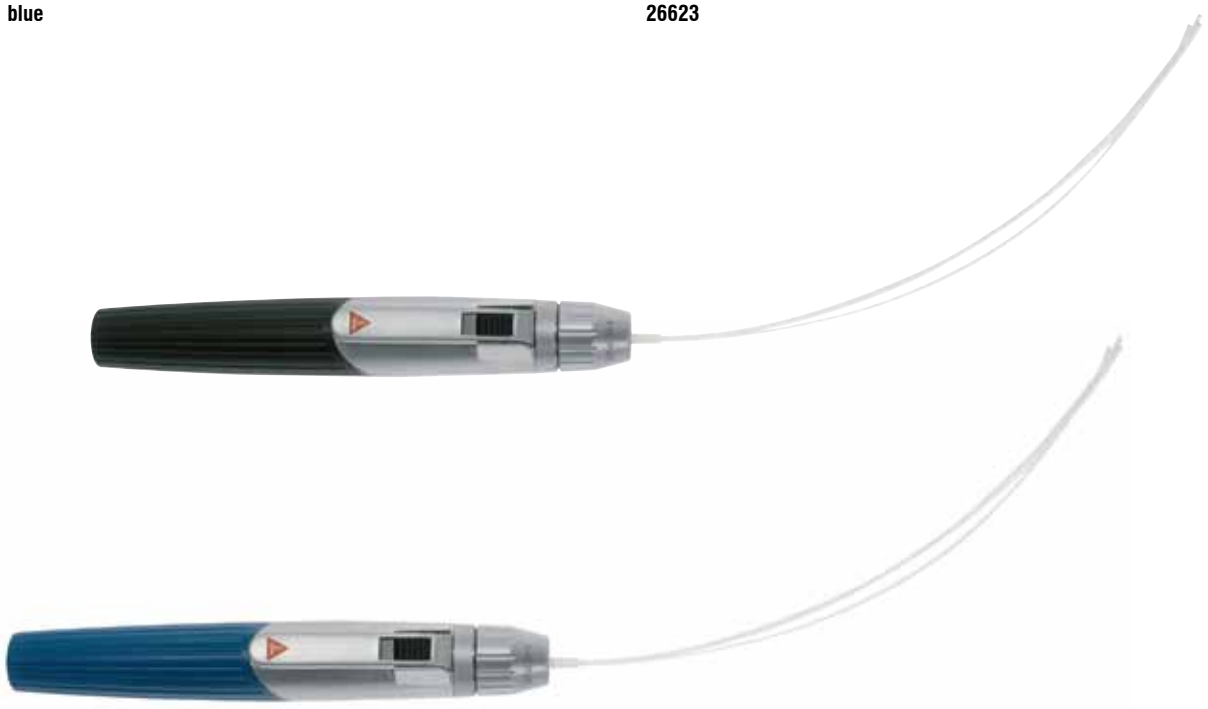
10 ccm	**53428**
35 ccm	**53427**

Vent Ear Light

Convenient assistant

A practical tool for shaping vents!
Modified ear light with aluminum cap and three light guides in various sizes. By means of a light guide which is inserted into the vent, the exact drilling position on the face-plate can be determined. Great lighting due to the use of Xenon halogen lamp technology. Easy exchange of the individual light guides with an Allen key. Matching Allen key is included.

black	**26611**
blue	**26623**



Accessories for vent ear lights:

Aluminum Cap for Vent Ear Light
Light guide and Allen key included.

matches the model available from fall 2007	**26915**
matches the model available until fall 2007	**26908**

Light Guide, 1 m

Ø 0.5 mm	**26905**
Ø 0.75 mm	**26906**
Ø 1.0 mm	**26907**

Vario-Venting Kit, transparent **78023**

Contents:
3 different inserts, outer diameter: 1.4 mm
3 different inserts, outer diameter: 2.0 mm
3 different inserts, outer diameter: 2.5 mm

PVV-Venting Kit, beige **78001**

Contents:
5 different inserts, outer diameter: 3.0 mm

Silicone Technique

The technique for manufacturing high-quality, soft earmolds, hearing or splash protection earmolds has numerous possibilities. Choose from various colors and degrees of hardness. Whether you manufacture small or large numbers of earmolds: You choose the technique that suits your demands.

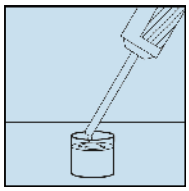
Silicone Technique – Cold Curing	154 - 156
Silicone Technique – Hot Curing	157 - 158
Accessories	159

Manufacturing Process – Silicone Technique – **Cold Curing**

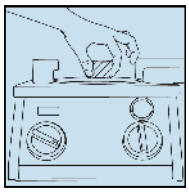
The proven technique with silicone cold-vulcanizing material egger flex/AB

Advantages:

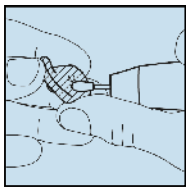
- *tensile, flexible silicone material*
- *available in different hardness degrees (shore), combinable with each other*
- *wide color selection*
- *egger AQUA and egger flex S-Pro for floatable splash protection earmolds*
- *suitable for earmolds and noise protectors*
- *low investment costs*
- *fast and flexible manufacturing process (no post-curing necessary)*
- *partially suitable for the direct adapting method (no negative mold necessary)*



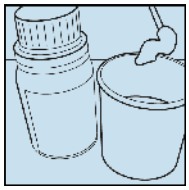
1. Fill egger flex/AB, AQUA, S-Pro with an inject pistol or an impression syringe into the negative mold



2. Cure material for about 15 minutes in a pressure pot



3. Take the blank out of negative mold and shape it with special egger EF-cutters (from page 176)



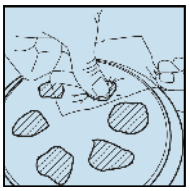
4. Varnish with hot-curing or air drying lacquer L, L nano (see page 97)

Manufacturing Process – Silcone Technique – **Hot Curing**

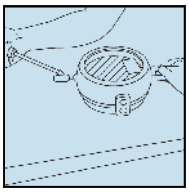
The versatile technique using the silicone hot-curing material egger flex

Advantages:

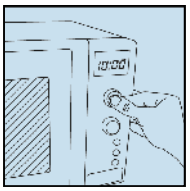
- *very tensile, flexible silicone material*
- *available in 30, 50, 70 shore (the lower the shore, the softer the material)*
- *wide color selection*
- *Catamaran for floatable splash protection earmolds*
- *for earmolds and hearing protectors*
- *notably economical in large numbers*



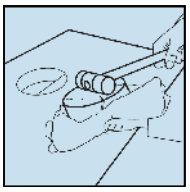
1. Fill the egger flex one-component material into plaster mold



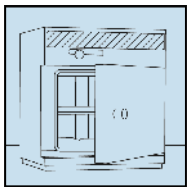
2. Close the Micropol flask and fill it with compressed air



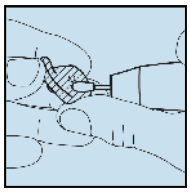
3. Cure material in microwave oven



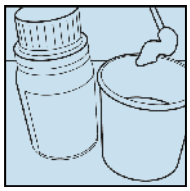
4. Take the blank out of flask



5. Temper the blank for approx. 8 hours in thermal oven at 170 °C (338 °F)



6. Shape the blank with special EF-cutters (from page 176)



7. Varnish with hot-curing silicone lacquer H/II (see page 97)

Silicone Technique – Cold Curing

egger flex/AB

egger flex/AB is a high-quality and permanently elastic silicone for manufacturing tensile, soft-flexible BTE and noise protection earmolds. The different colors and shores are available and can be mixed with each other (e. g. for a soft auditory canal tip with a hard concha) egger flex/AB is usually processed with the indirect method using a negative mold (duplicating material or plaster). For a quick work process, we also offer the material with special formula for the direct use. Available colors: transparent and pink-transparent.

egger's colorful image

egger flex/AB materials, developed for the **indirect use in the laboratory with prolonged processing and curing times.** *Packaging unit:* 8 double cartridges à 2 x 25 ml		Shore A (Final degree of hardness after 1 hour)		
		25 shore	**40 shore**	**60 shore**
	reddish-transparent	REF 20801	REF 20810	REF 20741
	blue		REF 20704	
	red		REF 20703	
	colorless-transparent	REF 20735	REF 20818	REF 20740
	yellow		REF 20709	
	green		REF 20708	
	orange		REF 20719	
	beige		REF 20702	
	black		REF 20716	
	white		REF 20707	

egger flex/AB materials, especially developed for the **direct method with shorter process and curing times. Also suitable for the indirect method in the laboratory.** *Packaging unit:* 8 double cartridges à 2 x 25 ml		Shore A (Final degree of hardness after 1 hour)		
		25 shore	**40 shore**	**60 shore**
	reddish-transparent	REF 20701	REF 20700	REF 20705
	colorless-transparent		REF 20718	

For the necessary accessories, e. g. inject pistol, mixing canulas and more, please see our chapter on Impression Technique from page 86.

egger AQUA

egger AQUA is a floatable, elastic silicone for manufacturing splash and noise protection earmolds. The cold-curing material is extremely tensile and easy to use. egger AQUA is offered in different colors and can be used with the indirect method using a negative mold (duplicating material or plaster), as well as with the direct method.

egger AQUA, especially developed for the **direct method with a shorter processing and curing time.** **Also suitable for the indirect method in the laboratory.** *Packaging unit:* 8 double cartridges à 2 x 25 ml	Shore A (Final degree of hardness after 1 h) **35 shore**
blue	REF 36952
red	REF 36951
red/blue – combination pack with 4 cartridges each	REF 36950
yellow	REF 36957
green	REF 36958
orange	REF 36959

For the necessary accessories, e. g. inject pistol, mixing canulas and more, please see our chapter on Impression Technique from page 86.

egger flex S-Pro

egger flex S-Pro is a floatable, elastic silicone for splash and noise protection earmolds. The cold-curing material is very tensile and easy to use. Due to its extreme softness, the two components can be mixed easily. egger flex S-Pro is mixed manually and used in the egger impression syringe (REF 25500). The material can be used for the indirect method with a negative mold (duplicating material or plaster) or for the direct method.

egger flex S-Pro, especially developed for the **direct method with short processing and curing time. Also suitable for the indirect method in the laboratory.**		Shore A (Final degree of hardness after 1 h)	
		40 shore	
		2 x 100 ml (Set incl. 1 pair of measuring spoons)	**2 x 5 l**
	blue	REF 36985	REF 36990
	red	REF 36986	REF 36991

For necessary accessories, e. g. impression syringe and more, please see our chapter on Impression Technique from page 90.

Pressure Pots

For manufacturing a bubble-free silicone earmold with the indirect method, we recommend vulcanizing the material in a pressure pot. For more information on these products, please see our chapter on Acrylics from page 167.

Always under pressure

Silicone Technique – Hot Curing

egger flex/70

Kneadable one-component silicone material for manufacturing soft BTE and noise protection earmolds with a final degree of hardness of approx. 70 shore A. Suitable for vulcanization in the microwave or thermal oven. Combinable with egger flex/50.

Color	0.1 kg	0.2 kg	0.5 kg	1.0 kg
pink-transparent	36003	36000	36001	36002
orange	35702	35701	35700	35709
red	36402	36401	36400	36409
blue	36502	36501	36500	36509
dark-blue	35802	35801	35800	35809
yellow	36602	36601	36600	36609
lime green	36702	36701	36700	36709
black	36802	–	–	–
white	35302	35301	35300	35309
purple	35102	35101	35100	35109
pink	35602	35601	35600	35609

egger flex/50, pink-transparent

Kneadable one-component silicone material for manufacturing soft BTE and noise protection earmolds with a final degree of hardness of approx. 50 shore A. Suitable for vulcanization in the microwave or thermal oven. Combinable with egger flex/70.

0.1 kg	**36103**
0.2 kg	**36100**
0.5 kg	**36101**
1.0 kg	**36102**

Microflex

Addition-vulcanizing two–component silicone material with very soft composition for manufacturing permanently elastic BTE and noise protection earmolds with a final degree of hardness of approx. 30 shore A. Suitable for vulcanization in the microwave or thermal oven.
Mixing ratio A : B = 9 : 1

pink-transparent	1 kg + 10 ml hardener B	**35900**
transparent	1 kg + 100 ml hardener B	**35901**

Microflex Colored, 500 g, component A (without hardener B)

yellow	**35411**
blue	**35412**
green	**35413**
black	**35414**
white	**35415**
red	**35410**

Hardener B

100 ml	**35902**
250 ml	**35420**

Catamaran, 400 g, component A (without hardener B)
Addition-vulcanizing two-component silicone material for manufacturing very soft-elastic, floatable splash protection and sound-absorbing earmolds. Suitable for hot-vulcanization in the microwave or thermal oven.
Mixing ratio A : B = 8 : 1

red	**36928**
blue	**36922**
yellow	**36917**
Hardener B, 100 ml	**36906**

Vacuum Mixing Units

On request we will be pleased to submit to you our offer on our vacuum mixing units, for mixing Microflex or Catamaran, with the most recent technical performance.

Vulcanization

For the pressure polymerization unit “Micropol” and corresponding microwave needed for the curing process, please see our chapter on Acrylics see page 168/169.

Thermal Oven UNB 100, 230 V **61010**
For curing, tempering and varnishing silicone earmolds. High-quality case of stainless steel. Individually adjustable temperature scale from 30 °C (86 °F) up to 220 °C (428 °F).

Output: 600 W
Dimensions: W 470 x D 325 x H 6520 mm
Inner dimensions: W 320 x D 175 x H 240 mm
Weight: 20 kg

Lacquering Oven **68301**
For pre-heating the insulated plaster forms and drying lacquer coatings, incl. time and temperature selection.

Output: 1600 W
Inner dimensions: W 435 x D 250 x H 365 mm
Outer dimensions: W 585 x D 315 x H 405 mm
Weight: 13.2 kg
Operating temperature: max. 300 °C (572 °F)

Accessories for the Silicone Technique
Cold and Hot Curing

egger Silicone Lacquers

We offer a variety of silicone lacquers for different application fields. Please see our detailed overview in chapter Service and Repairs on page 97.

Grip Stencil Set

36899

Grip stencil for producing grip hollows on silicone earmolds, especially suited for hearing protection and splash protection earmolds. Can be used with the indirect and direct method for silicone cold-curing materials.

Set includes a small (Ø 12 mm) and a large grip stencil (Ø 15 mm).

Mold Plate for Manufacturing Handles on Silicone Earmolds

36909

The mold plate facilitates shaping handles for splash or noise protection earmolds. Thus, time and effort are reduced in manual processing. Usable for hot-curing silicone material as well as for the indirect method with cold-vulcanizing materials.

Place Marker for Snap Ring or Connecting Spring in Silicone Earmolds

90902

For putting into the liquid silicone material to facilitate further elaboration. Suitable for cold-curing and hot-curing silicone materials.

Acrylic Technique

Acrylic – a favorably priced and versatile material for manufacturing earmolds. Manufacturing earmolds using the cold polymerization procedure is a proven technique for successfully and efficiently manufacturing BTE earmolds, hearing protection and ITE shells of acrylics. In addition, the cold polymerization technique makes producing colored earmolds possible. Hard or soft, slightly colored or completely transparent – with the hot polymerization of acrylics, you can manufacture all kinds of earmolds. Hard and soft materials can also be combined. Using pressure and heat, earmolds with a high degree of hardness can be generated.

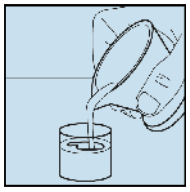
Manufacturing Process – **Cold Polymerization** of Acrylics

For the technique of cold polymerization, egger Acryl/B polymerizate is used.

Advantages:

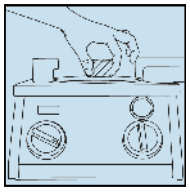
- *impact-tough material*
- *available in pink-transparent, transparent and beige*
- *suitable for the manufacturing of BTE earmolds, noise protection and ITE shells*
- *colorful designs are possible*

1. Mix monomer and polymer (powder) to a ratio of 1 : 2 and add color concentrate if desired

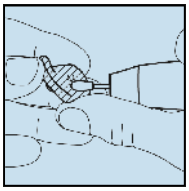


2. Cast the mixed acrylate into the negative mold

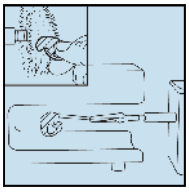
12 min. at 2 – 3 bar



3. Harden the acrylate bubble-free in the pressure pot



4. Take the blank out of the negative mold and shape it with special cutters (from page 173)



5. Polish the surface (see page 176/178) or varnish it with LP lacquers (see page 97)

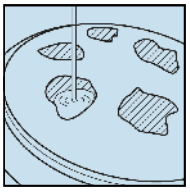
Manufacturing Process – **Hot Polymerization** of Acrylics

For this particular process different materials can be used. Polymerization usually occurs in the Micropol flask. The pressure pot Polymat now offers another possibility.

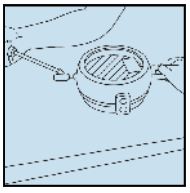
Advantages:

- *high degree of hardness*
- *available in pink-transparent, transparent and flesh-colored*
- *highly transparent after polishing*
- *suitable for manufacturing hard and soft, as well as combined earmolds (soft auditory canal, hard concha)*
- *notably economical in large numbers*

1. Mix monomer and polymer (powder) according to indicated mixing ratio

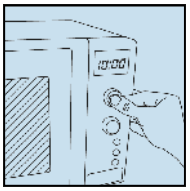


2. Cast the mixed acrylate into the plaster mold of the Micropol flask

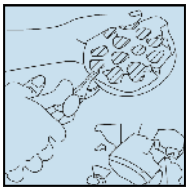


3. Close the Micropol flask and fill it with compressed air

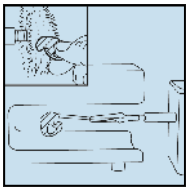
10 min. at 700 W



4. Let the material polymerize in the microwave for approx. 10 minutes



5. Take the blank out of the negative mold and shape it with special cutters (from page 173)



6. Polish the surface (see page 176/178) or varnish it with LP lacquers (see page 97)

egger Acryl/B

Cold polymerizing acrylic material for the manufacturing of hard, fadeless earmolds. Free of amine and cadmium. Polymerization under pressure at a minimum of 2 bar and a maximum of 6 bar and at a temperature of 40–45 °C (104–113 °F). Polymerization time: 12 minutes.
Mixing ratio:
1 part monomer : 2 parts polymer

egger Acryl/B Monomer (Liquid):

250 ml	**33501**
500 ml	**33500**

egger Acryl/B Polymer (Powder)

transparent

0.5 kg	**33000**

pink/flesh-colored

0.5 kg	**33100**

beige

0.5 kg	**32800**
5 kg	**32801**

Fricotherm

Hot polymerizing acrylic material for the manufacturing of high-quality hard earmolds by means of the microwave technique. Polymerization at a pressure of 7 bar in the Micropol 2000. Polymerization time: 10 minutes.
Mixing ratio for 10 earmolds: 28 g monomer : 50 g polymer

Fricotherm Monomer (Liquid):

clear

1 l	**33400**
5 l	**33401**

pink

1 l	**33300**
5 l	**33301**

flesh-colored

1 l	**33903**

Fricotherm Polymer (Powder), colorless:

1 kg	**33200**
5 kg	**33201**
10 kg	**33202**

Varioflex

Hot polymerizing acrylic material for the manufacturing of soft, with body temperature smooth acrylic earmolds for the microwave technique. Combined earmolds (soft auditory canal, hard concha) possible by combining with Fricotherm. Polymerization at 7 bar pressure in Micropol 2000. Polymerization time: 10 minutes.

Mixing ratio:

1 part monomer : 1 part polymer

Varioflex – Monomer II (Liquid):

1 l transparent	**34102**
1 l pink	**34101**

Varioflex – Polymer (Powder):

1 kg (colorless)	**34100**

Color Concentrate, liquid, 100 ml

For manufacturing hard, colored earmolds of acrylic cold polymerizates.

red	**33790**
green	**33791**
yellow	**33792**
black	**33793**
blue	**33794**

Dispenser Bottles for Liquids

Bottles of transparent plastic for easy dosage, especially for monomer liquids.

250 ml	**47000**
500 ml	**47100**
1000 ml	**47200**

Dispenser Bottle for Polymer, 250 ml

46800

For storing and dosing of polymers.

Measuring Beaker

Plastic beaker with scale for dosing monomer materials.

25 ml	**48300**
50 ml	**48400**
100 ml	**48500**

Mixing Cup

Cup of flexible silicone for mixing monomer and polymer components. The 30 ml and the 70 ml cups are equipped with a practical pouring spout.

5 ml	**47800**
30 ml	**47900**
70 ml	**47700**

Mixing Spatula

For mixing synthetic components.

small	**26000**
large	**26100**

Digital Timer

68601

Handy timer for the exact observation of curing times of ITE shells.

Application of Pressure Polymerization Units

The following table gives you an overview of pressure pots and their possible application fields.

Always under pressure

Manufacturing step	Material	Units			
		Aquapress	Acrylmat	Polymat	Micropol 2000
Negative mold of…	Duplicating silicone	X	X	X	
	Plaster				X
Manufacturing the blank of…	Cold-cure acrylics	X	X	X	
	Hot-cure acrylics			X	X
	Cold-cure silicone	X	X	X	
	Hot-cure silicone				X

Aquapress — 49800

Pressure pot, manually operated and easy to handle. No compressed air and electricity supply required. Pressure up to 3 bar is generated by hand spindle.

Pot diameter: 100 mm
Operation temperature: up to 50 °C (122 °F)

Spare parts for Aquapress:

Spare Pot	**49805**
Thrust Piece (black) for hand spindle	**49806**
Sealing Ring	**49802**

Acrylmat Pressure Pot **53600**

Polymerization pressure pot, incl. compressed air outlet. Pressure up to 2.2 bar, max. operating temperature 50 °C (122 °F) for hardening silicone negative molds and polymerizing cold-curing acrylics. Compressed air supply required.

Inner diameter: 200 mm
Capacity: 4 l

Spare Sealing Ring for Acrylmat **53603**

Polymat, 230 V **54200**

A pressure polymerization unit for the professional laboratory! Due to the amplified temperature range up to 120 °C (248 °F), cold-curing and hot-curing acrylics can be processed quickly. Also suitable for the manufacturing of bubble-free negative molds of silicone. The curing process of the material can be adjusted by stepless electronical temperature control as well as pressure (3–6 bar) and time (up to 60 min.) control. The outer heater is very durable and facilitates the cleaning of the corrosion-resistant stainless steel pressure pot. Water is withdrawn by a drain. A high safety level is provided by a pressure controller, pressure relief valve, pressure switch, temperature limiter and safety interlock. Electricity and compressed air supply required.

Pot diameter: 220 mm
Dimensions: W 380 x D 330 x H 330 mm
Inner height of pot: 190 mm
Weight: 12 kg
Heating output: 1500 W

Micropol 2000 **64300**

Pressure polymerization unit of chrome-hardened stainless steel for manufacturing earmolds (hard/soft, acrylics and silicones) by the means of microwave energy.

Air Charger **64706**

Accessories:
Investment Kit for BTE Earmolds **64302**
Cellophane Foil, 500 pieces **64304**
Screwer for Valve **64306**

Spare parts:
Rubber Membrane (Micropol 2000) **64310**
Rubber Ring for Security Pane, grey **64309**
Spare Valve **64205**
Valve Insert **64204**

Microwave Oven for Micropol

64709

For the quick polymerization of ITE shells and earmolds as well as for the vulcanization of silicone earmolds in the special Micropol flasks.

Voltage: 230 – 240 V
Output: 850 W
Outer dimensions: W 482 x H 284 x D 368 mm
Weight: 9.5 kg

Plaster Pliers

44000

For removing earmolds out of the plaster negative molds.

egger LP Lacquers

Numerous UV-curing lacquers for various uses are described in a detailed list in our wide selection of lacquers in the chapter on Services and Repairs see page 97.

Shaping and Surface Polishing

Precision tools can execute delicate operations on the earmold. Thus the earmold becomes comfortable to touch and wear. Specialty tools and polishing agents facilitate the perfect finish of surfaces. egger special tools are suited to meet the requirements of the different earmold materials. The result: The work on the earmold is easily executed and produces high qualitiy results.

egger Offers the Right Tool for Every Material.

The egger specialty tools provide a high-quality manufacturing result! The following table will help you choose the drills and cutters that are right for you, so you will be able to quickly find the tools you are looking for in egger's wide product range!

Baring their teeth

	Toothing		
Material	x-cut from page 173	plain cut from page 174	cross cut from page 176
hard UV-polymerizate	X	X	
hard acrylic material	X	X	
soft UV-polymerizate			X
soft acrylic material	X		
silicone			X

All of our offered tools have a shank of 2.35 mm in diameter.

The disinfectant products of our *Cedis* Profi product range are also suitable for use during the reworking of earmolds.
For the complete *Cedis* Profi product range, please see pages 68 - 73.

Giving You the Right Tool for Every Need: Drill Sets.

They will provide you with all the necessary tools needed for the shaping of both, hard and soft earmold materials.

Profit from our favorably priced sets!

The know-how of our experienced lab is knowledge you can trust.

Usage and Safety Information for the Operation of Rotating Tools:

Usage tips

- Insert instrument as deeply as possible.
- Avoid jamming or levering the instrument.
- Discard bent, damaged or not properly functioning instruments.
- Observe recommended operating speed (see product description). If operating speed is exceeded, safety risk increases.
- To avoid damaging tools, do not apply too much pressure while working with the instrument.
- Use personal protective equipment.
  Respiratory protection: Ventilation (from page 191)
  Eye protection: Snug-fitting safety goggles (from page 186)
  Hand protection: Suitable protective gloves (from page 187) or skin protection products
- Please clean the collet chuck of the hand piece regularly, at least once a week

Hand cleansing and skin care products are available from page 68.

Drill Set for Hard Earmold Materials

70060

Drill set for shaping hard earmold materials. It is also suitable for soft, hot-curing polymerizates. This set gives you a great price advantage opposed to purchasing the drills separately!

Contents:

1 x REF 72900: Carbide Cutter, 4.0 mm
1 x REF 72800: Carbide Cutter, 6.0 mm
1 x REF 76501: Carbide Cutter, ball-shaped, 5.0 mm
1 x REF 76502: Carbide Cutter, ball-shaped, 8.0 mm
1 x REF 76600: Twist Drill, cylindrical, 0.8 mm
1 x REF 72300: Twist Drill, cylindrical, 1.0 mm
1 x REF 72400: Twist Drill, cylindrical, 1.4 mm
1 x REF 76700: Twist Drill, cylindrical, 2.0 mm
1 x REF 77000: Twist Drill, cylindrical, 2.5 mm
1 x REF 70200: Bur, round, 2.5 mm
1 x REF 70300: Bur, round, 2.9 mm
1 x REF 73100: Sand Paper Holder, short

Please consider each tool's maximum operating speed!

Drill Set for Soft Earmold Materials

70070

Drill set for shaping soft earmolds (Silicone). This set gives you a great price advantage opposed to purchasing the drills separately!

Contents:

1 x REF 77200: Trimmer, pear-shaped
1 x REF 76300: EF-Cutter, pointed, 4.0 mm
1 x REF 76000: EF-Cutter, ball-shaped, 4.0 mm
1 x REF 71400: EF-Cutter, ball-shaped, 7.0 mm
1 x REF 71200: EF-Cutter, round bur, 1.4 mm
1 x REF 72200: EF-Cutter, round bur, 2.9 mm
1 x REF 76600: Twist Drill, cylindrical, 0.8 mm
1 x REF 72300: Twist Drill, cylindrical, 1.0 mm
1 x REF 72400: Twist Drill, cylindrical, 1.4 mm
1 x REF 76700: Twist Drill, cylindrical, 2.0 mm
1 x REF 77000: Twist Drill, cylindrical, 2.5 mm
1 x REF 73100: Sand Paper Holder, short

Please consider each tool's maximum operating speed!

Carbide Cutter

Staggered toothing cutter for working on hard acrylics, also suitable for soft hot-polymerizates. Carbide tools are characterized especially by their high durability, stability and efficient work performance.

Please consider maximum operating speed:

Diameter: 2.3–4.5 mm 40000 rpm
Diameter: 4.5–8.0 mm 30000 rpm

Carbide Cutter
Ø 2.3 mm **76400**

Carbide Cutter
Ø 4.0 mm **72900**
Ø 5.0 mm **77500**

Carbide Cutter, pointed
Ø 6.0 mm **72800**

Carbide Cutter, cylindrical
Ø 6.0 mm **72700**

HM Face-Plate-Trimmer
Ø 2.3 mm **76900**

Carbide Cutter, ball-shaped
Ø 5.0 mm **76501**
Ø 6.0 mm **76500**
Ø 8.0 mm **76502**

Left-Turning Carbide Cutters

Suitable for left-handed people, to be used with counter-clockwise control units. Please consider maximum operating speed of 30000 rpm!

Carbide Bur, round	
Ø 0.8 mm	**76509**
Ø 1.4 mm	**76510**
Carbide Cutter	
Ø 2.3 mm	**76511**
Carbide Cutter	
Ø 4.0 mm	**76512**
Carbide Cutter, fine-toothed	
Ø 4.0 mm	**76513**
Carbide Cutter	
Ø 6.0 mm	**76515**

Twist Drill, cylindrical
Please consider maximum operating speed of 30000 rpm!

Ø 0.6 mm	**72100**
Ø 0.8 mm	**76600**
Ø 1.0 mm	**72300**
Ø 1.2 mm	**72500**
Ø 1.4 mm	**72400**
Ø 1.6 mm	**72510**
Ø 2.0 mm	**76700**
Ø 2.35 mm	**72600**
Ø 2.5 mm	**77000**
Ø 2.9 mm	**76800**

Twist drill, short (7.5 mm cutting surface)
Please consider maximum operating speed of 30000 rpm!

Ø 0.5 mm	**72610**

Steel Cutters with Plain Cut

Bur, round
Please consider maximum operating speed of 30000 rpm!

Ø 0.8 mm	**70001**
Ø 1.0 mm	**70002**
Ø 1.2 mm	**70003**
Ø 1.4 mm	**70000**
Ø 1.8 mm	**70004**
Ø 2.1 mm	**70100**
Ø 2.3 mm	**70006**
Ø 2.5 mm	**70200**
Ø 2.9 mm	**70300**
Ø 3.1 mm	**70005**
Ø 3.5 mm	**70400**
Ø 4.0 mm	**70500**
Ø 4.7 mm	**75200**

Cutter, ball-shaped
Please consider maximum operating speed of 20000 rpm!

Ø 5.0 mm	**75300**
Ø 6.0 mm	**73700**
Ø 7.0 mm	**70600**

Cutter, pear-shaped
Please consider maximum operating speed of 30000 rpm!

Ø 4.0 mm	**75500**
Ø 6.0 mm	**70800**

Cutter, cylindrical
Please consider maximum operating speed of 30000 rpm!

Ø 5.0 mm	**75100**
Ø 6.0 mm	**75700**

Cutter, pointed
Please consider maximum operating speed of 30000 rpm!

Ø 4.0 mm	**70900**
Ø 5.0 mm	**71000**

Cutter, oval
Suited for the shaping of grip handles or cerumen hollows or for use in the cymba area.

Please consider maximum operating speed of 20000 rpm!

Ø 6.0 mm	**75900**
Ø 7.0 mm	**75401**
Ø 8.0 mm	**70700**

Positioning Bur for Snap Ring, 8.0 mm **73300**
Please consider maximum operating speed of 20000 rpm!

Trimmer, assembled
For shaping and finishing silicone earmolds and impressions.
Please consider maximum operating speed of 40000 rpm!

pear-shaped **77200**
pointed and narrow **77201**

Square Stone **49600**
For shaping trimmers and rubber polishers.

EF-Cutter

For working on silicone earmolds, e.g. made of egger flex (EF) silicone materials. Also suitable for soft UV-materials (LP/W).

EF-Cutter, ball-shaped
Please consider maximum operating speed of 40000 rpm!

Ø 4.0 mm **76000**
Ø 5.0 mm **76100**
Ø 7.0 mm **71400**

EF-Bur, round
Please consider maximum operating speed of 40000 rpm!

Ø 1.0 mm **71100**
Ø 1.4 mm **71200**
Ø 1.8 mm **75800**
Ø 2.3 mm **71300**
Ø 2.9 mm **72200**

EF-Cutter, cylindrical
Please consider maximum operating speed of 40000 rpm!

Ø 5.0 mm	**71700**
Ø 6.0 mm	**71800**

The following EF-cutters are especially suited for the shaping of grip handles or cerumen hollows or for use in the cymba area.

EF-Cutter, oval
Please consider maximum operating speed of 40000 rpm!

Ø 5.0 mm	**71500**
Ø 6.0 mm	**73900**
Ø 8.0 mm	**71600**

EF-Cutter, pear-shaped
Please consider maximum operating speed of 40000 rpm!

Ø 5.0 mm	**76200**
Ø 6.0 mm	**71900**

EF-Cutter, pointed
Please consider maximum operating speed of 40000 rpm!

Ø 4.0 mm	**76300**
Ø 5.0 mm	**72000**

Grinding Sleeve Holder and Grinding Sleeves
For shaping and finishing silicone earmolds
Please consider maximum operating speed of 30000 rpm!

Grinding Sleeve Holder large	**49201**
Grinding Sleeve Holder small	**49200**
Grinding Sleeves large (Ø 8 mm)	**49301**
Grinding Sleeves small (Ø 6 mm)	**49300**

Sand Paper Holder
Please consider maximum operating speed of 20000 rpm!

short	**73100**
conical	**73000**

Corundum Paper
Orange, grinding, sharp-edged grit
Width: 15 mm, roll length: 50 m

180 grit, coarse	**40704**
220 grit, fine	**40602**

Abrasive Cloth
Brown, grinding, sharp-edged grit. Due to the grit size, the abrasive lasts longer.
Width: 15 mm, roll length: 50 m

120 grit, coarse	**40606**
220 grit, fine	**40607**
320 grit, extra fine	**40605**

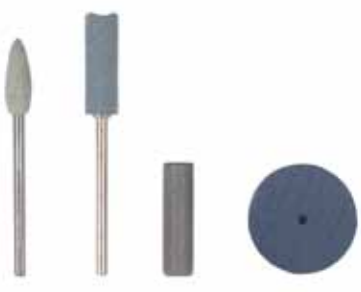
Polishing Disc, assembled – for the hand piece
Ø 20 mm, for repolishing.
Please consider maximum operating speed of 10000 rpm!

leather	**74100**
flannel	**74000**
wool	**74101**

Polishing Paste P3, 60 g **49700**
Dry polishing agent for mirror-polishing of acrylic earmolds. For the use with polishing disc.

Rubber Polisher, grey
For fine grinding of hard acrylics.
Please consider maximum operating speed of 10000 rpm!

Pointed, assembled	**49402**
Cylinder, assembled	**49401**
Cylinder, not assembled (for mandrel REF 73500)	**49400**
Disc, not assembled (for mandrel REF 73600)	**49500**



Mandrel for Rubber Polisher (REF 49500)
Please consider maximum operating speed of 30000 rpm!

73600

Mandrel for Rubber Polisher (REF 49400)
Please consider maximum operating speed of 30000 rpm!

73500

Drill Stand with Fold-Away Lid
Practical storage stand for up to 23 drills. Due to the fold-away lid this stand can be taken anywhere.

74611

Tool Stand
Practical storage stand for up to 24 drills. Made of high-quality multiplex material (birch).

74610

Magnetic Rack

74600

Laboratory Equipment and Furniture

High-performance devices for work operations in the laboratory. The machines are specialized in their tasks. Easy to maintain, available with all the necessary accessories. The protection products are designed to meet the special requirements and increase the workplace safety and protect your health. Thus they are an important element for sustainable success. For professionals, by professionals. Ergonomic furniture in modular units for the entire laboratory: Practical workbenches that contain everything you need, friendly lighting that makes concentrated and precise working over longer periods possible, and efficient suction systems for a clean atmosphere.

Laboratory Equipment 182 - 190
Laboratory Furniture 191 - 197

Technical devices

Perfecta 300

Always the right turn

Technical unit with hand piece and control unit. Equipped with a powerful motor and a high maximum torque (5.5 Ncm). The brushless and maintenance-free engine runs extremely silent and reduces vibrations to a minimum. Suitable for all work areas and types of material. Reversible left-right rotation. The technical unit with a favorable cost-performance is available as foot-operated or bench-top model and on special request also as knee-controlled version!

Foot-Operated Model
230 V **55242**

Also available as a 115 V device.

Scope of delivery:
control unit, motor hand piece and hand piece rest
operating speed range: 1000 to 40000 rpm, collet chuck Ø 2.35 mm

Optionally, the foot-operated model can be equipped with a separate control element.

Control Element for MF-Perfecta 300

55243

All settings are made with this control element, e. g. activating the reverse operation mode. Functions and operating conditions such as the current speed are constantly in sight on the display. This saves space and improves safety and comfort.

Bench-Top Device, including control element
230 V **55240**

Also available as a 115 V device.

Scope of delivery:
control unit, pedal, control element, hand piece and hand piece rest, wall holder for control element
operating speed range: 1000 to 40000 rpm, collet chuck: Ø 2.35 mm

Max. torque: 5.5 Ncm
Hand piece length: 138 mm
Hand piece weight: 320 g

Perfecta 600

… and they keep on turning

Technical unit with hand piece and control unit. The Perfecta 600 is equipped with an integrated blowing out function. By pressing a button, the hand piece can be freed from excessive material particles (compressed-air supply required!). Equipped with a powerful motor and a high maximum torque (7.8 Ncm). The brushless and maintenance-free engine runs extremely silent and reduces vibrations to a minimum. Suitable for all work areas and types of material. Reversible left-right rotation. The technical unit is available as foot-operated or bench-top model and on special request also as knee-controlled version!

Foot-Operated Model
230 V **55247**

Also available as a 115 V device.

Scope of delivery:
control unit, motor hand piece and hand piece rest; operating speed range of 1000 to 50000 rpm, collet chuck: Ø 2.35 mm

Optionally, the foot-operated model can be equipped with a separate control element to make adjustments and settings, e. g. activating the reverse operation mode. Functions and operating conditions such as the current speed are constantly in sight on the display. This saves space and improves safety and comfort.

Control Element for MF-Perfecta 600 **55248**

Bench-Top Device, including control element
230 V **55245**

Also available as a 115 V device.

Scope of delivery:
control unit, pedal, control element, hand piece and hand piece rest, wall holder for control element; operating speed range of 1000 to 50000 rpm, collet chuck: Ø 2.35 mm

Max. torque: 7.8 Ncm
Hand piece length: 138 mm
Hand piece weight: 350 g

KaVo K5plus

Light-weight and ergonomically shaped hand piece for a comfortable work experience without fatigue. The ball bearings and collet chuck can be exchanged easily, the front ball bearing is protected against dust.

Foot-Operated Model
230 V **55250**

Also available as a 115 V device.

On special request also available as knee-controlled version.

Scope of delivery:
Includes hand piece and hand piece rest.
Pre-selectable speed: 1000–35000 rpm (clockwise rotation),
max. torque 4.5 Ncm, collet chuck Ø 2.35 mm

Max. torque: 4.5 Ncm
Hand piece length: 149 mm
Hand piece weight: 216 g (cable 103 g)

Accessories for KaVo

Cover for KaVo handpieces **55238**
Protective cover is suitable for all K-hand pieces

Care kit for K4/K5/K12/K9 – hand pieces with brush **55007**

Technical Unit MIO MR 230 **55070**

The technical unit for in between.
Suitable for the shaping of hard acrylic as well as soft silicone materials in small quantities with a good price-performance ratio. Compact, very light-weight and ergonomically shaped hand piece with micro-motor for a comfortable work experience without fatigue. Simple handling. Freely adjustable speed counter range of 3000 – 35000 rpm. Reversible right-left run. The ball bearing of the hand piece is protected against dust by a dust protective mechanism. Electronically controlled smooth starting of the unit. Including overload protection with automatic motor shut-off. The technical unit can be used without switch-over for mains voltage from 100 – 240 V.

Scope of delivery:
Control unit with micro-motor hand piece, hand piece rest and foot pedal.

Rpm range: 3000 – 35000 rpm
Hand piece length: 143 mm
Hand piece weight: 190 g
Max. torque: 3.0 Ncm

Mini Control Unit with Case
Mobile unit – ideal for home visits. Only suitable for refinishing operations.

230 V **55600**

Also available as a 115 V device.

Rpm range: 2000 to 12000 rpm
Weight: 1.6 kg

Polishing and Grinding

Polishing Motor PM 2200
High-performance, durable motor, silent-running and maintenance-free machine, slip-resistant stand due to its considerable dead weight, 2 different speeds possible (1500 und 3000 rpm.). Delivery includes 2 spindles.

230 V **60000**

Also available as a 115 V device.

We will be pleased to also offer you a polishing box with integrated suction unit and lighting. Please ask us for an offer on our current model.

SU Polishing Trough **60100**
Hard rubber tray for collecting polishing abrasives and abrasive dusts, incl. height-adjustable window of safety glass and connecting branch for suction.

Accessories:
Insert Tray **60102**

Adapter for suction hose **60103**

Accessories for polishing motor:

Buffing Wheel
Suitable for wet polishing with Steribim and dry polishing agents.

with Plastic Center, Ø 100 mm **48001**
with Leather Center, Ø 100 mm **48000**

Buffing Wheel, flannel
For high gloss polishing with polishing paste P3.

with Plastic Center Ø 100 mm **48002**

Abrasive Stone, red - for polishing motor
For an efficient finishing of blanks. Abrasive stone holder necessary!

Ø 85 mm **77100**

Abrasive Stone Holder

left side **60201**
right side **60202**

Abrasive Wheel for Polishing Motor **681180**
For the face grinding of shells for ITE hearing aids, including 2 spare grinding discs, 180 grit.

Spare Grinding Discs for Abrasive Wheel, 2 pieces
180 grit **68105**
120 grit **68155**

Polishing motor not included in delivery.

NEW – Frontal grinder

68130

Especially suitable for plane-grinding ITE shells for ITE hearing aids. Powerful motor and operation without vibration. Abrasive wheels are adhesive and can be removed effortlessly after use. Includes pipe nozzle for connecting the device to a suction hose for a dust-free work process. Includes 2 grinding wheels each of grit 150 and 240.

Spare parts:

Abrasive wheels, grit 150, 5 pieces **68131**
Abrasive wheels, grit 240, 5 pieces **68132**

Wet Polishing Agent

Steribim – germicidal pumice paste, gives acrylic earmolds a silky shine.

1 kg (2 x 500 g) **49000**
10 kg **49001**

Dry Polishing Agent

Polishing paste P3 – Dry polishing agent for mirror-polishing of acrylic earmolds.

60 g **49700**

Products for Work Safety

Eye protection

Safety Goggles

74700

With a solid, light-weight nylon frame and length-adjustable temples for a good fit. The glasses remain mist-free, are chemical- and UV-resistant as well as anti-static.

Safety Visor

74900

Band individually adjustable.

Spare Visor

74901

For safety visor, 0.8 mm thick.

Face mask

Dust Respirator, pre-cast, 10 pieces **74810**
The pre-cast dust respirator complies with EN 149:2001, protection category FFP2. A integrated valve ensures better ventilation and thus prevents the misting up of glasses.

Skin protection

Disposable Nitrile Gloves, 100 pieces
Ideal for daily use in the shop or laboratory. Free of powder, color: white, length: approx. 245 mm. Compliant with EN 455.

small **75004**
medium **75005**
large **75006**

Please also consider our *Cedis* Profi CARE – the lotion for the cosmetic care of hands and skin of our *Cedis* care program. For the complete *Cedis* Profi range, please see pages 68 - 73.

Compressors and Accessories

Compressor Silent 30, 230 V **64605**
Small, portable compressor with compact piston-type motor, silent-running machine (approx. 30 dB), 30 l/min induction power, individually adjustable pressure up to 8 bar, motor performance 200 W, 4 l capacity, automatic operation with quick coupling system for connecting pneumatic equipment – sufficient for 1 compressed air user!

Weight: 19 kg
Dimensions: W 410 x D 190 x H 435 mm

AirPower Service set – compact compressor "Silent 30" **646051**
includes spiral hose for compressed air and air pistol

Portable, high-performance, low-noise (30 dB) operating pneumatic compressor for innovative service in the acoustician shop. With the practical air pistol with conical, slim jet, deposits and moisture are easily removed from all sound tubes and sound canal bores/ventings.

Replaces *Cedis* AirPower Professional REF 82555

Compressor 6-15 M

Runs with virtually no noise (approx. 45 dB), 50 l/min suction power, individually adjustable pressure up to 8 bar, motor performance: 340 W, capacity: 15 l, automatic operation, with quick coupling system for connecting pneumatic equipment.

230 V **64640**

Also available as a 115 V device.

Weight: 26 kg
Dimensions: W 380 x D 380 x H 480 mm

Accessories for compressors:

Air Pistol **69930**
Incl. a compressed-air hose, 170 cm, and a plug-on pipe for quick coupling.

Quick Coupling, with thread, 6 mm **64615**
Plug-On Pipe with thread, 6 mm **64617**
Compressed-Air Hose, 6 x 8 mm, 1 m **64618**
Elbow Joint, 6 x 8 mm **64610**
T-Joint, 6 x 8 mm **64612**
Filter Pressure Reducer 3/8" **64621**
with thread for 6 x 8 mm tube

More accessories available on request.

Compressor Oil
for Silent 30, 6-15M, 1 l **64625**

Ultrasonic Cleansing Devices

Elmasonic S 10

Practical, powerful ultrasonic cleansing device with a great cost-performance ratio. Ideal for sales counters or fitting rooms. Attractive design with easy-care stainless steel shell and electronic timer.

230 V **86210**

Also available as a 115 V device.

Elmasonic S 10/H
Same model as Elmasonic S 10, with selectable heating element (ca. 60 °C/ approx. 140 °F), continuous maximum power output per period 2 x 60 W.

230 V **86211**

Also available as a 115 V device.

Accessories for S 10:

Holder Basket, angular **86222**
Stainless Steel Insert for 2 glass beakers **86304**
Cleansing Glass Beaker with lid, 600 ml **86303**
Stainless Steel Dipping Basket for cleansing glass beaker **86302**

Glass Beakers for Ultrasonic Bath, 50 ml
The ideal supplement for a professional cleaning of earmolds!

10 pieces **85208**

Other Models of Ultrasonic Devices

On request, we can also offer you larger ultrasonic devices with matching accessories. Please inform us about the requirements. We will then promptly send you a quotation for our current models.

Concentrates for Ultrasonic Cleansing Devices

For disinfecting earmolds quickly and safely we recommend:

Cedis **Profi UltraActiv**
Concentrate for disinfecting and cleaning earmolds and instruments, free of phenol and aldehyde, effective against bacteria, fungi, HBV and HIV viruses.
Reaction time: 5 minutes, 3 % solution
Dosing: 1 part concentrate : 97 parts water

500 ml Bottle with portioning pump **86208**
2 l Bottle **862081**

For more products from the *Cedis* Profi range for a professional hygiene management at the workplace please see pages 68- 73 in our chapter Hygiene Products.

Cleansing Agent “elma clean”
Universal cleansing concentrate for cleaning earmolds, instruments and tools; does not react aggressively and does not attack any materials (Be cautious with aluminum surfaces!).
Dosing: 1 part concentrate : 9 parts water

1 l **86200**

Ventilettes

For bending sound tubes for an anatomically exact and individual fitting.

Ventilette – Standard

Delivery includes beaker and spot heating nozzle. Temperature above nozzle: 300 °C (572 °F), in beaker 250 °C (482 °F).

230 V, white	**65200**
230 V, silver-metallic	**65212**
230 V, black-metallic	**65213**
230 V, ruby-red	**65214**

In white, also available as a 115 V device.

Output: 250 W
Height with jar: 225 mm
Weight: 1.6 kg
Dimensions with base: 100 x 150 mm

Accessories for Ventilette Standard:

Hot Air Nozzle	**65201**
Melting pot	**65203**

Ventilette – Electronic

With electronically controlled temperature pre-selection unit, heat sensor and protective motor switch. Delivery includes beaker and spot heating nozzle, temperature above nozzle: 70 °C – max. 180 °C (158 – max. 365 °F), over beaker 55 ° – max. 155 °C (131 – max. 311 °F).

230 V, white **65300**

Also available as a 115 V device.

Output: 300 W
Height with jar: 225 mm
Weight: 1.7 kg
Dimensions with base: 100 x 150 mm

Suction Units

Using a modern suction unit and optimizing suction systems can considerably reduce dust loading. We offer a variety of suction units so you can choose the best solution that is right for your needs. All our units fulfill the regulations of the IFA (Institute for Occupational Safety and Health of the German Social Accident Insurance) according to IEC 60335-2-69 dust class M.

Being able to breathe freely during grinding operations – this is essential for concentration and health. High-quality suction units provide clean air, remove unhealthy dust particles and reduce annoying odors.

- The double-filter system protects your health and prevents the suction motor from clogging up.
- The integrated automatism keeps the suction power at a constant level, regardless of the filter contamination level.
- Large filters and a quick filter exchange system ensure an economically advantageous use.
- Extremely quiet operation.

Automatic Mobile Suction Unit

The flexibles

Proven safety at the workplace does not need to be expensive!
Single-bench suction unit for under-table installation and mobile use (free-standing with handle). Ideally suited for the shop or manufacturing of ear-molds in small quantities.

All suction units are equipped with a two-fold filter system. Coarse dirt is collected in a filter bag, the fine filter offers additional protection against smallest dust particles.

The compact unit provides:
- a freely adjustable, electronic suction performance
- automatic shut-off when filter is full
- automatic start/stop function according to the control unit
- controllable suction capacity of 18–35 l/sec

Scope of delivery:
80 cm suction hose, filter bag and fine filter, 1 pair of spare pistons

with handle

with Handle:
230 V **62901**

Also available as a 115 V device.

Weight: 18 kg
Dimensions: W 256 x D 400 x H 435 mm

for Installation Under Table (mounting plate included):
230 V **62906**

for installation under table

Also available as a 115 V device.

Weight: 18 kg
Dimensions: W 256 x D 400 x H 415 mm

For accessories see next page.

Accessories:

The active carbon filter offers additional protection against monomer vapors. The active carbon filter absorbs toxic vapors that emerge during e. g. the handling of acrylics and mixing of monomers. It is a refillable cartridge box. The active carbon should be exchanged regularly (with continuous operation after approx. 3 months).
The active carbon filter replaces the fine filter.

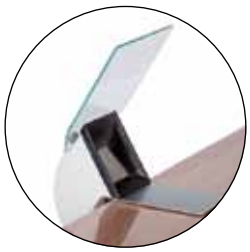
Active Carbon Filter	**62904**
Refill Pack active carbon	**62909**
Spare Filter, 3 pieces	**62802**

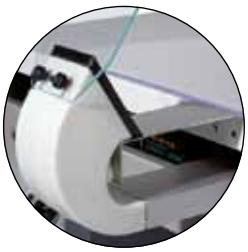
Pair of spare coals for mobile suction unit **62504**
up to serial no. xx-7485-00
for suction unit A40 up to serial no. xx-1716-00

Pair of spare coals for mobile suction unit **62512**
from serial no. xx-7486-00
for suction unit A40 from serial no. xx-1717-00

Suction Funnel R1200 **62720**
Incl. extendable rectangular pipe. The plug-in suction funnel R1200 is used together with the extendable rectangular pipe. The special construction guarantees an efficient suction performance while at the same time reducing noise to a minimum. The suction funnel is equipped with an extra large safety shield (H 250 x W 200 mm). The rectangular pipe can be mounted easily under the work bench (W 80 x H 30 mm, extendable length 430 – 540 mm).

Accessories:
Spare Protection Glass Shield for suction funnel R1200 **62723**





Suction Funnel SH-1 mobile **62718**

Can be used on every work bench without the need for permanent installation. The heavy base with a skid-proof, rubberized bottom can be used on the bench in every position. Protection shield (140 x 140 mm) included. Coupling to the suction system with the suction hose.

Accessories:

Spare Protection Glass Shield for suction funnel SH-1 mobile **62719**

Sound Damper, round, for installation in the suction hose **62725**

Suitable for all current egger suction funnels, e. g. R1200, A90, SH-1 mobile and ADC mobile. Noise reduction up to 18 dB is possible. The sound damper should be installed directly before coupling to the suction funnel or the rectangular pipe (if included).

Sound Damper for Suction Funnel R1200 **62724**

The suction noise at the suction funnel can be damped up to 15 dB (similar to the former A90 system). The sound damper only has to be inserted into the rectangular pipe at the coupling of the suction funnel R1200.

Workbench Pad **69649**

for F20, semi-round, transparent, 80 x 46 cm
Workbench is not included.

Suction Hose, Ø 40 mm, 1 meter **62902**

Y-Connection for Suction Hose **62903**

Workstation Lighting

Working on earmolds demands precision and concentration. Good light is indispensable at every hour of the day. The F1 90/55 single-user lighting brings light to the spot that requires your attention.

- The especially designed reflector illuminates the workstation without dazzling.
- The energy-saving lamp provides jitter- and streak-free daylight
- The metal frame protects against reflexes and bundles the light
- Height-adjustable tripod
- Electronic components guarantee a long life expectancy and high economic efficiency

Please also consider our *Cedis* Profi product range for work safety, hand and skin care, which is part of our *Cedis* care programm. For the complete product range, please see pages 68 - 73.

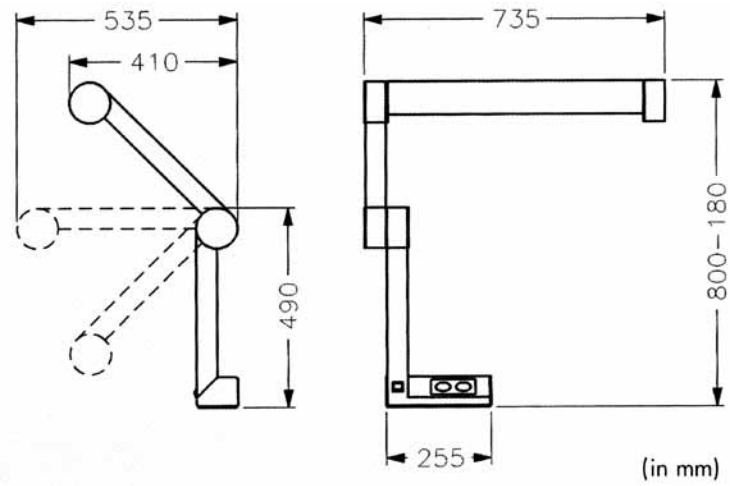
Workstation Lighting F1 90/55, Tripod on the left-hand side, white
Height-adjustable and swiveling single-user lighting with energy-saving light tube and integrated double outlet. Easy mounting on all workbenches. Also available in black. Light color daylight 12, 1400 – 6500 Lux (measured at a height of 750 – 300 mm).

230 V **69607**

Also available as a 115 V device.

Easy mounting

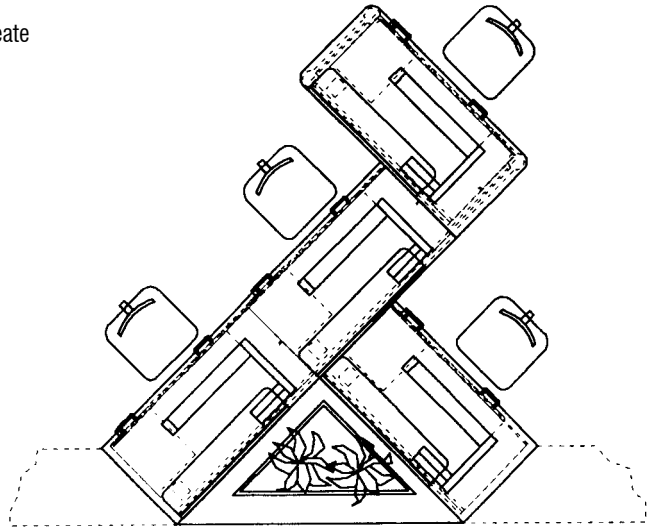
with double socket



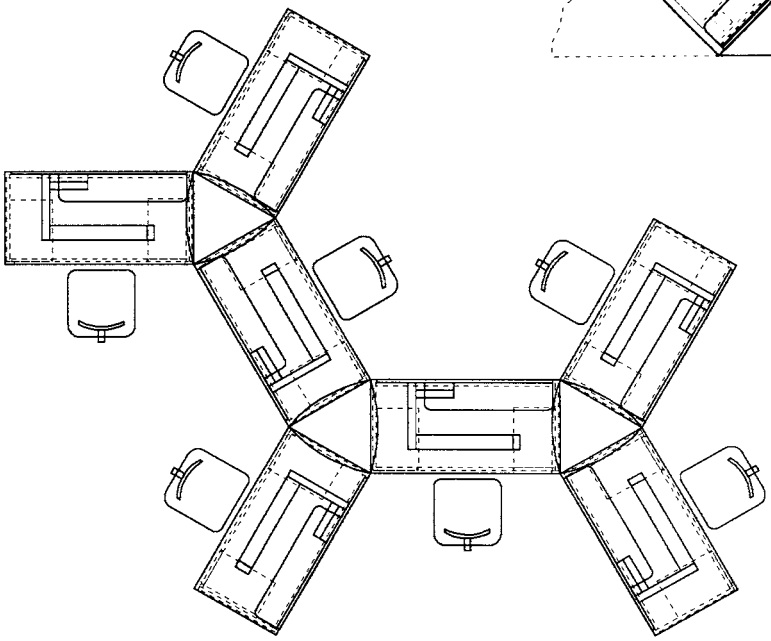
Technical Workbenches

Having everything at one's fingertips – at the well thought-out workbench. This is only possible with a free bench top, practical tool drawers with well structured plastic inserts, a central waste tray and integrated compressed-air supply and electric installations.

- High-quality materials guarantee high durability.
- Benches can be combined to form uniform workgroups.
- Available space can be used optimally due to various combination possibilities.
- All workbenches can easily be reconfigured to fit the needs of the operation.
- A multitude of shapes and colors makes it easy to create an individual and attractive workstation.



Examples for set-up of M4-table groups



Technical Workbenches

With our technical workbenches we offer you superior design and proven workstation solutions for the daily practice in every laboratory or service station in the shop.

Our technical workbenches are equipped by default with

- mobile suction unit (automatic) with suction funnel R1200
- height adjustable and swivelling lighting (white) with integrated double socket
- table-top shelf with hand piece rest
- tool cabinet with 3 drawers and base
- exclusive softTEC system for noiseless closing of drawers and doors
- 1 air pistol with automatic pull-back function
- armrests extendable (1 set)
- compressed-air supply
- back board closed to the bottom
- transparent desk pad

Colors:

Front and corpus: silver-metallic U 508

Handholds: chrome matt

Base and panel under workbench surface: black

Planning examples:

Group of technical workbenches with 3 workstations, equipped with lighting F1 90/55, table-top shelf, arm rests and single-bench suction system including suction funnel.

Our standard program offers two models – both differ in quality and design of the workbench surface:

Standard

- workbench surface made of robust plastic, design Sahara II
- workplace lighting in white color

69657

Premium

- workbench surface made of high-class, solid beech wood sticks
- workplace lighting in silver color

69656

We offer delivering the bench completely assembled or for self-assembly. Of course we can also offer you an individual solution according to your needs, available in a wide range of colors, forms and equipment features.

Info & Services

Fast, easy, reliable – our service is all about your order. Details about the delivery of the ordered goods to your warehouse are listed on the following pages.

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Order

Fast – easy – reliable.

The egger delivery service.

You order.

We deliver.

In time.

To the desired address.

“egger Labortechnik – How can I help you?”

You decide how you want to place your order.

The complete laboratory technique program including care products.

5 ways – 1 solution

Phone international: +49 831 5811360

Phone Hearing Protection: +49 831 5811390

Phone Earmold Production: +49 831 5811340

Monday to Friday 7:30 a.m. – 18:00 p.m.

Fax international: +49 831 5811314

Fax Earmold Production: +49 831 5811349

E-Mail international: sales@egger-labor.de

E-Mail Earmold Production: otoplastik@egger-labor.de

egger Otoplastik + Labortechnik GmbH

Aybühlweg 59

87439 Kempten/Germany

Online-Shop

www.egger-labor.com

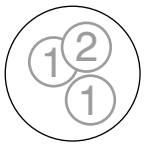
Internet

“Online shopping?”

www.egger-labor.com

- The extensive internet information platform.
- **With integrated shopping system,**
  password protected for you as our customer.
- According to your preferred conditions you can select
  and order all catalog products.
- **Track and Trace.**
- **Technical descriptions of devices, safety data sheets**
  and operating instructions can be downloaded as pdf-files.
- You are always informed about the latest news at egger.

Payment



“The bill, please!”

Export sales:

- via bank transfer within 30 days net from invoice date
- initial order is usually delivered against advance payment.

For General Terms and Conditions please see page 203.

Delivery

You are in a hurry?

We deliver according to your preferences.

Ordered today – delivered tomorrow

Orders made by 3 p.m. on workdays are usually dispatched on the same day (if the products are in stock, valid for deliveries within the EU).

Unlimited order quantities

We deliver without stipulating a minimum order quantity or mark up for small-volume purchases for standard products.

Express delivery

Please contact us in very urgent cases.

Free delivery

If your order exceeds a net value of 500 EUR we deliver without packaging and freight charges free German boarder. Profit from the favorable agreements we have made with our shipping contractors.

Right of return

egger grants an unrestricted right of return within 20 days on all catalog products for laboratory equipment in accordance with the General Terms and Conditions. If some of our products do not meet your expectations, just call our customer service hotline. We will immediately exchange them or take them back against a credit note.

Rental service

Is one of your appliances being repaired? We will lend you a replacement appliance. For detailed information please call your customer adviser.

Information on the Transportation of Dangerous Goods

Under the legal regulations (GGVS/ADR, IMDG and IATA-DGR) some of our products have to be shipped as dangerous goods. These products (even in small quantities) cannot be forwarded by regular mail. Private parcel services are sometimes allowed to forward small quantities within Germany and Europe. Therefore, we usually send the goods via a haulier. The IATA-DGR regulations apply to air freight consignments. Dangerous goods have to be packed in special cardboard boxes. We will be happy to inform you about individual regulations, freight costs and the shipping method most favorable for you.

General Standard Terms and Conditions

Article 1 General Provisions

1. The Seller's deliveries, services and quotations shall be exclusively executed or rendered on the basis of these General Standard Terms and Conditions. They thus also apply to all future business relations even if they are not expressly agreed upon again.

2. Any deviations from these General Standard Terms and Conditions shall only be permissible in exceptional cases through express written acceptance by the Seller.

Article 2 Products

1. The seller reserves the right to make technical changes in his products at all times without previous notification, insofar as the properties of the product are not basically modified or compatibility with other products in the production procedure concerned is not impaired.

2. The Seller reserves the right to discontinue the production and delivery of any individual products or replace such products with new products.

Article 3 Delivery

1. Should the production or delivery of any products ordered be impossible due to force majeure, a lack of deliveries to ourselves, labour disputes, engineering breakdown or similar obstructions, the Seller's delivery commitments shall be suspended and the Seller shall be entitled to cancel such commitments in whole or in part.

2. The Seller shall grant the Purchaser the right to cancel the purchase contract if the date of delivery agreed upon is exceeded by a period of more than eight weeks. Any claims for damages for non-performance shall be excluded. Extended liability pursuant to Section 287 of the BGB [German Civil Code] shall be excluded.

3. If any number of units which has been ordered in a firm manner by the Purchaser is not accepted to its full extent, the Seller shall be entitled to impose a mark-up for small-volume purchases.

4. As regards orders for items made to order, any cancellation by the Purchaser shall be excluded in principle. The buyer is liable to accept and to pay the goods.

5. The Seller shall be entitled to terminate the contract without notice if the Purchaser is in default with the payment of any earlier deliveries.

6. egger grants an unlimited right of return for 20 days - from the date of dispatch to the receipt of the goods - on all catalogue products for laboratory equipment. The right of return is granted under the condition that the articles returned are packed in the original packing, unused and do not show any signs of use. The right of return is excluded in the case of such articles, for which - also minor - price reductions, except cash discounts, have been granted. The right of return is also excluded for earmolds and articles which are not included in this catalogue, in particular for the products mentioned under § 3, point 4.

Article 4 Prices, Terms of Payment

1. The prices indicated in the price list are ex place of shipment, excluding packaging, freight, insurance, customs duties and value added tax. From a net value of EUR 500.00 (with an individual invoice) delivery is effected without freight and packing costs free house or free German border for export deliveries.

2. The prices indicated in the current price list as effective for the time being shall be relevant to invoicing. Upon the publication of a new price list, all previous price lists shall become ineffective as of the effective date (status of new price list).

3. Any special costs in connection with payment, particularly bank charges and expenses, loss on exchange and the cost of transfer for payments in export, shall be borne by the Purchaser.

4. Unless indicated otherwise, any invoices shall be due for payment: Export sales: Within 30 days from invoice date net without any discount. For first order, delivery is made against advance payment.

5. Default in payment starts without further reminder on the day following due date. Should the Purchaser be in arrears with any payment at any point in time agreed upon at the time of the purchase, all obligations to pay which the Purchaser may have vis-à-vis the Seller shall become due.

6. It is only permissible to retain or offset any payments with counterclaims of the Purchaser if undisputed and legally enforceable claims are involved.

Article 5 Shipment and Passage of Risk

1. Shipment shall be effected for the Purchaser's own account and at the Purchaser's risk.

2. The risk of loss is transferred to the Purchaser as soon as the seller has initiated dispatch.

3. Any additional expense for a faster mode of shipment shall be at the Purchaser's expense, even if the period of delivery is exceeded by a short time.

4. In the absence of any instructions by the Purchaser, packaging and shipment shall be effected at the best discretion; no packaging can be taken back.

5. The "Incoterms" as amended for the time being shall apply to the interpretation of international trade terms such as CIP, DAP etc.

6. The Seller shall be entitled, but not required, to insure deliveries in the name and for the account of the Purchaser.

Article 6 Warranty and Liability

1. If the delivery item is defective or if it fails to show any warranted qualities or if it becomes defective during the warranty period due to any defect in manufacturing or materials, the Seller, at its option, shall supply a substitute or perform rework, with the exclusion of any other warranty claims by the Purchaser, in particular, with the exclusion of any consequential damage incurred by the Purchaser. A maximum of three rework actions shall be permissible. Liability shall only be assumed to the amount of compensation effected. The return shipment of defective products shall require the Seller's consent, otherwise the Purchaser shall bear the cost of return shipment. Defective products shall only be taken back in the condition delivered.

2. The details provided by such manufacturers shall apply to all products of third-party manufacturers which are delivered.

3. The warranty period is subject to legal requirements.

4. All parts exposed to normal consumption or wear and tear shall be excluded from warranty. This shall also apply to any damage incurred due to overload or improper handling.

5. Any notices of defects due to the number of units, quality or execution of products shall only be legally effective if the Seller is notified of such defects in writing immediately following the receipt of the products. Notices of defects shall be excluded in principle after a period of 8 days following the receipt of the products. Any shortages shall be compensated for through subsequent delivery or a credit note.

Article 7 Reservation of Title

1. The products delivered shall remain the Seller's property, as conditional commodity, until the payment of the purchase price and the payment of all debts existing from the business relations (and any debts incurred in connection with the object sold). The transfer of individual debt items to an open account or the striking and confirmation of a balance shall not cancel the said reservation of title.

2. The Purchaser shall only be entitled and authorised to resell the said conditional commodity in the normal proper course of business and provided that any debts as defined in paragraph 3 shall be actually transferred to the Seller. The Seller shall not be entitled to effect any other dispositions with respect to the conditional commodity, particularly pledging or transfer of property by way of security.

3. If any conditional commodity is sold by the Purchaser alone or in conjunction with any commodity not owned by the Seller, the Purchaser shall now assign any debts arising from such resale to the amount of the value of the conditional commodity, including all secondary rights and rank before the rest; the Purchaser shall accept such assignment.

4. The Seller shall authorise the Purchaser, subject to revocation, to collect the debt assigned pursuant to paragraph 3. At the Seller's request, the Purchaser shall name the debtor(s) with respect to the debt(s) assigned and shall also notify such debtor(s) of the assignment itself.

5. The right to resell and utilise and the authorisation to collect the debt assigned shall expire upon stoppage of payments, an application for commencement or actual commencement of bankruptcy proceedings, any judicial composition proceedings or voluntary settlement; the direct debit authorisation shall also expire in the event of any protest of a cheque or bill.

Article 8 Devices on loan

1. Devices on loan can be provided, depending on availability, for free (e. g. in the case of repairs) for a certain period to be agreed upon. The leased device must be returned in the original package. The customer assumes the costs and risk of transportation. The customer is responsible for the correct use of the leased device. The customer is not entitled to hand the leased object over to third parties outside his company. Any defects in the leased device are invoiced to the customer.

Article 9 Conclusion of the Contract

1. Any offers contained in brochures, advertisements etc. shall be subject to change without notice and non-binding - also with respect to any prices stated.

2. Additional agreements, changes or supplements are only valid, if they have been confirmed in writing by the seller. The same applies to the representation of properties. Agreements concerning a waiver of the written form must also be made in writing.

Article 10 Place of Performance, Jurisdictional Venue and Partial Ineffectiveness

1. The place of performance for all rights and obligations arising from legal transactions entered into with the Seller shall be Kempten, Allgäu, for both parties. The place of jurisdiction for both parties is - insofar as legally permissible - Kempten, Allgäu.

2. Should any of the aforesaid provisions be or become ineffective, the effectiveness of the remaining provisions shall not be affected thereby.

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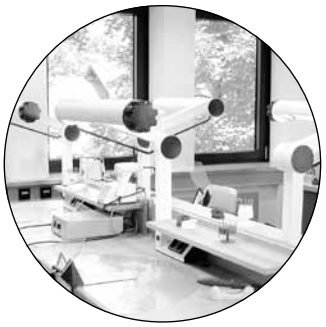


International Training Courses for Technicians

The courses offer an introduction to different earmold manufacturing techniques for earmold producers from all continents. Qualified egger employees help the technicians decide which equipment should be used. The participants receive basic knowledge in the production as well as the complete know-how in handling new devices and materials. The goal of the course is to enable the participants to independently and professionally produce earmolds.

egger Otoplastik + Labortechnik takes individual care of the international trainees during their whole stay.

Seminars

Where is the development of laboratory technique headed? How does the new EU-Noise-Guideline influence my work as an hearing aid expert? What is the broadened care program able to offer me and my customers?

egger addresses current questions from the sectors otoplastics and laboratory technique and offers additional training courses. These courses last one or several days and are held in spacious seminar rooms next to our laboratories with the newest technical equipment. In discussions with our own and other expert speakers, the participants learn how to react appropriately to the challenges of the future.

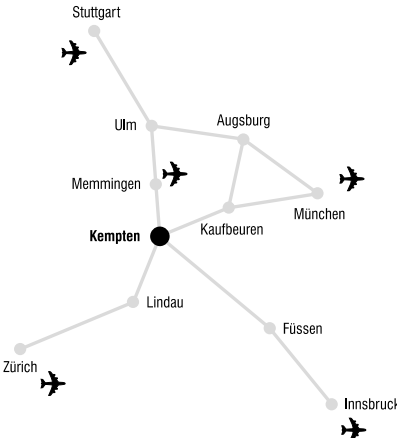
Get to know something new, in a pleasant atmosphere in the attractive region of the Allgaeu, Bavaria.

How to Find Us

By car:
Coming from **Munich** head to freeway A 96 towards “Lindau”. Leave the A 96 at exit no. 22 towards “Jengen/Kaufbeuren”. Stay on the B 12 until you reach Kempten and keep going on straight until you reach the turn-off to “Buchenberg”. Now, turn right into “Lindauer Straße”. At the second traffic light turn right into “Aybühlweg”. You will find us on your left after approx. 100 m.

Coming from **Stuttgart/Ulm** or Füssen on freeway take the exit “Kempten”. Get on “Adenauerring”. Stay on the “Adenauerring” for approx. 5 km until you reach the turn-off to “Buchenberg”. Now, turn right into “Lindauer Straße”. At the second traffic light turn right into “Aybühlweg”. You will find us on your left after approx. 100 m.

Coming from **Zurich/Lindau** on highway B 12 head towards “Buchenberg” in Großholzleute and go to Kempten. After the suburb “Rothkreuz” turn left into “Aybühlweg” at the first traffic light. You will find us on your left after approx. 100 m.



By rail:
You arrive at Kempten central station. From there, take a taxi. Of course, we will always be pleased to pick you up from the station!

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